JVC

SERVICE MANUAL

MODEL
JR-S600
STEREO RECEIVER

SEA

No.2365
FEB 1976

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1. Specifications

Dimensions	6-11/16"(H) x 22-1/16"(W) x 17"(D) (16.9cm x 56.0cm x 43.1cm)
Weight	40.8 lbs. (18.5 kg)
Amplifier Section	
RMS Power Both channels driven	110 watts per channel, min. RMS at 8 ohms from 20Hz to 20kHz with no more than 0.1% total harmonic distortion.
RMS Power Both channels driven at 1kHz	130W per channel at 8Ω 180W per channel at 4Ω
Total Harmonic Distortion	0.1% at rated output
Damping Factor	50 at 8Ω
Input Sensitivity, Impedance and Signal to Noise Ratio	Phono: 2.5mV/50kΩ, 70dB Aux: 250mV/70kΩ, 95dB Tape Mon: 250mV/70kΩ, 95dB
Recording Output Level	180mV (Pin) 30mV/80kΩ (DIN)
Frequency Response	$20\text{Hz} - 20\text{kHz}\ ^{+0\text{dB}}_{-0.5\text{dB}}$
S.E.A. Center Frequency	40Hz, 250Hz, 1kHz, 5kHz & 15kHz
S.E.A. Control Range	±12dB
FM Tuner Section	
Usable Sensitivity	1.7μV IHF
Total Harmonic Distortion at 1kHz and 100% modulation	0.1% (Mono) 0.25% (Stereo)
Signal to Noise Ratio	72dB (Mono) 65dB (Stereo)
Selectivity	80dB IHF Alternated
Capture Ratio	1.0dB
Image Rejection	90dB
IF Rejection	100dB at 98MHz
Stereo Separation	50dB at 1kHz 40dB at 10kHz
AM Tuner Section	
Usable Sensitivity	30μV, 300μV/m
Selectivity	30dB
Image Rejection	45dB
IF Rejection	50dB
Signal to Noise Ratio	55dB

2. Level Diagram

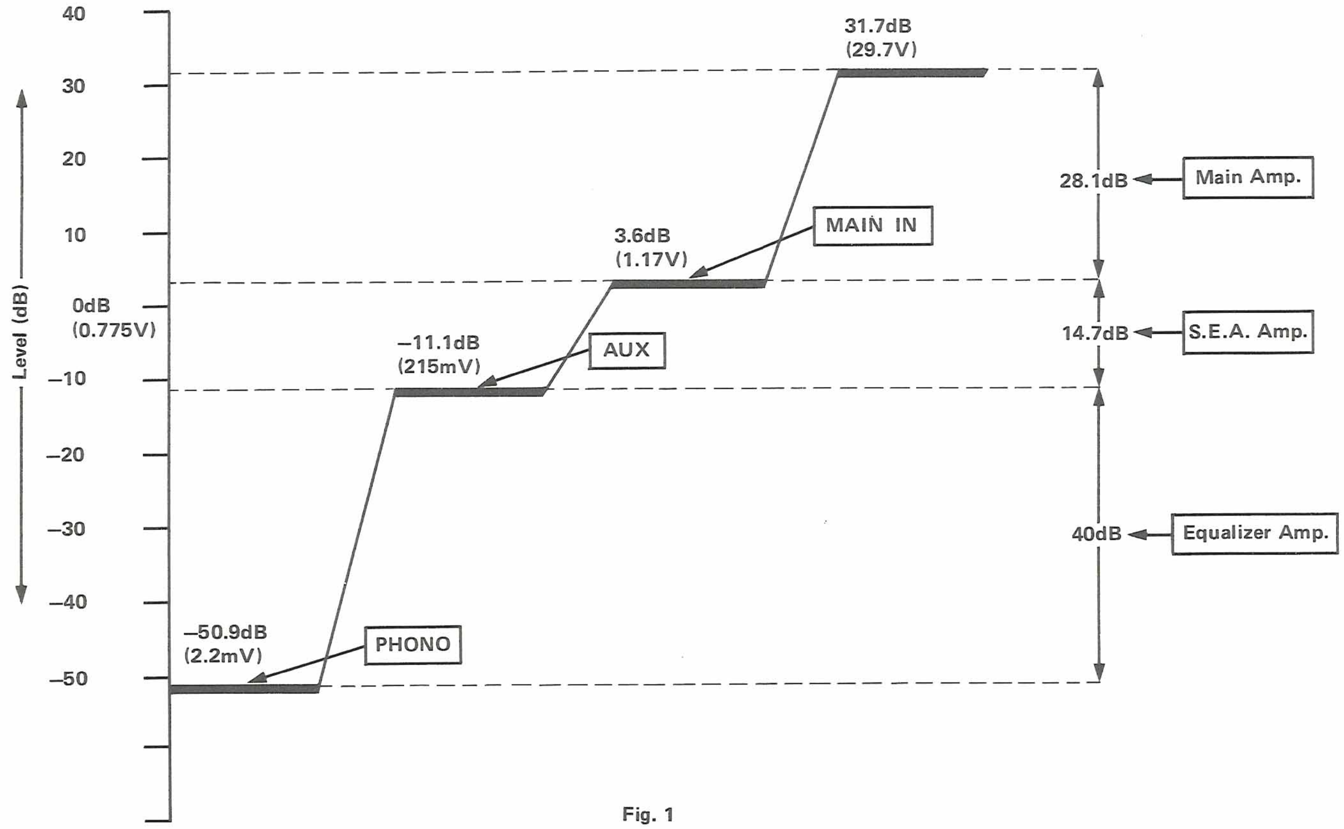


Fig. 1

3. Removal of Top Cover, Bottom Plate and Front Panel

Procedure and Part Numbers (Top Cover and Bottom Plate)

1. Remove 4 screws (Item No. 4) through the both sides of the cover and 3 screws (Item No. 2) from the back of the top cover. See Fig. 2.
2. Remove the top cover (Item No. 1).
3. Remove 4 screws (Item No. 8) from bottom plate (Item No. 7) and remove the bottom plate from the chassis. See Fig. 4.

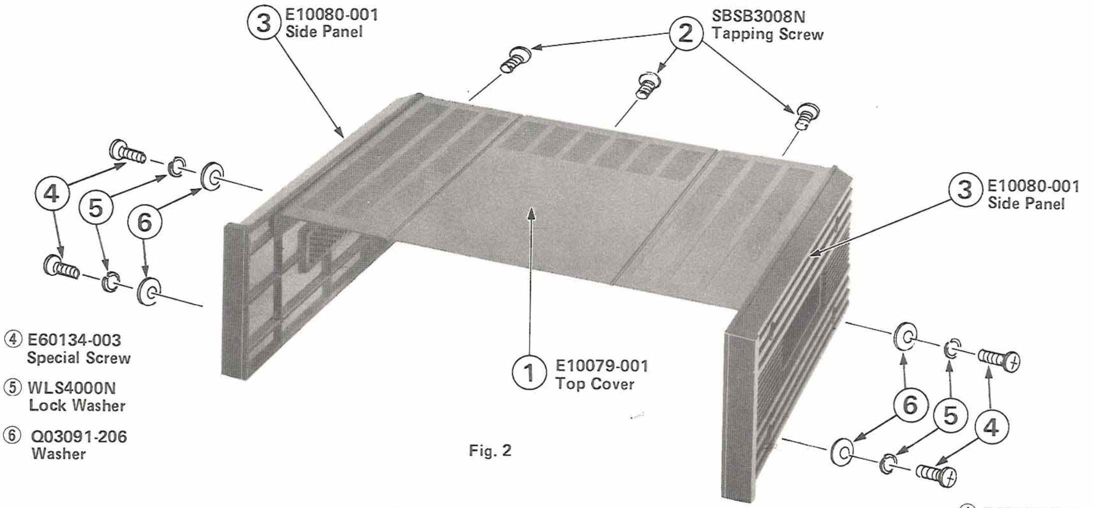

③ E10080-001 Side Panel
② SBSB3008N Tapping Screw
③ E10080-001 Side Panel
④
⑤
⑥
④ E60134-003 Special Screw
⑤ WLS4000N Lock Washer
⑥ Q03091-206 Washer
① E10079-001 Top Cover
⑥ ⑤ ④
④ E60134-003 Special Screw
⑤ WLS4000N Lock Washer
⑥ Q03091-206 Washer

Fig. 2

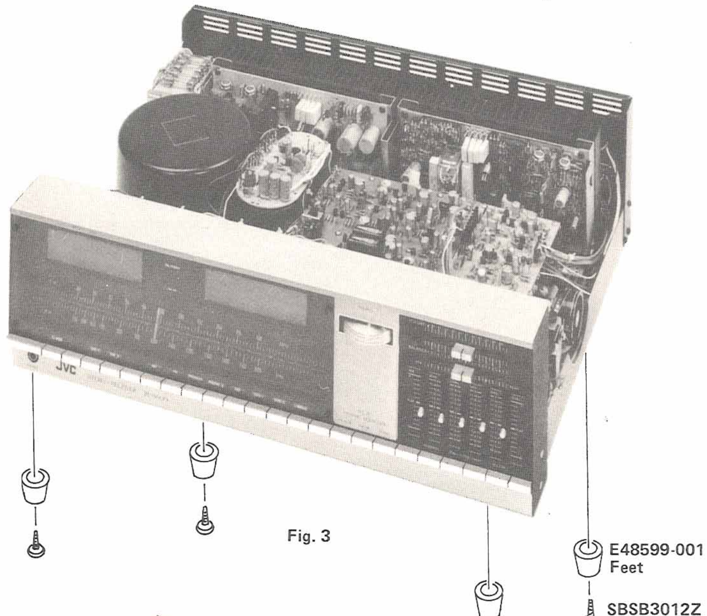

JVC
E48599-001 Feet
SBSB3012Z Screw

Fig. 3

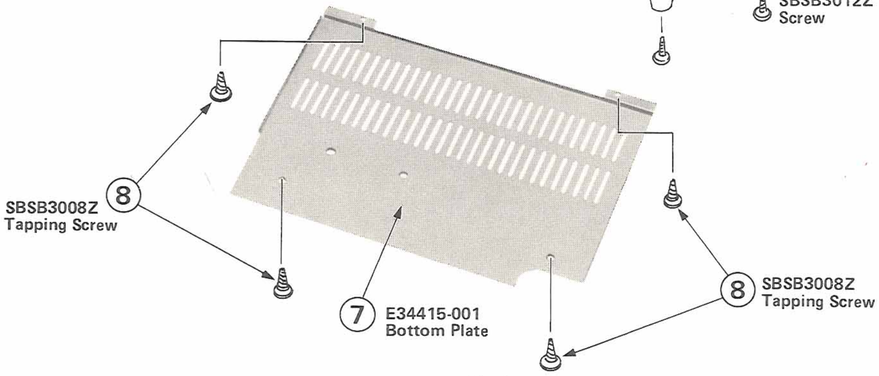

SBSB3008Z ⑧ Tapping Screw
⑦ E34415-001 Bottom Plate
⑧ SBSB3008Z Tapping Screw

Fig. 4

Procedure and Part Numbers (Front Panel)

1. Remove the top cover, item no. ①. Refer to the removal of top cover on page 4.
2. Remove the dial pointer carefully according to the steps below:
   a. Slide the dial pointer to center position of the dial rail.
   b. Remove the dial cord from the dial pointer. Do not pull the dial cord strong.
   c. Remove the dial pointer from the dial rail carefully.

Note: Refer to Fig. 11 of the dial stringing procedure on page 9 when replace the dial pointer onto the dial rail.

3. Remove 2 screws, item no. ② located on the bottom of the front panel.
4. Remove 8 screws, item no. ③ located on the both sides of the front panel.
5. Remove the female plugs from TAC-407 Selector C.B. Ass'y.

Note: Refer to 9-(14) TAC-407 Selector C.B. Ass'y on page 41 when reconnect the female plugs to proper positions.

In case of removing the window screen

Remove 4 hexagonal screws, item no. ③ located on the window screen. Refer to fig. 9 on page 7.

WARNING: Use a 3/32" hexagonal wrench to tighten the screws.
Do not screw in excessively hard when replacing the window screen.

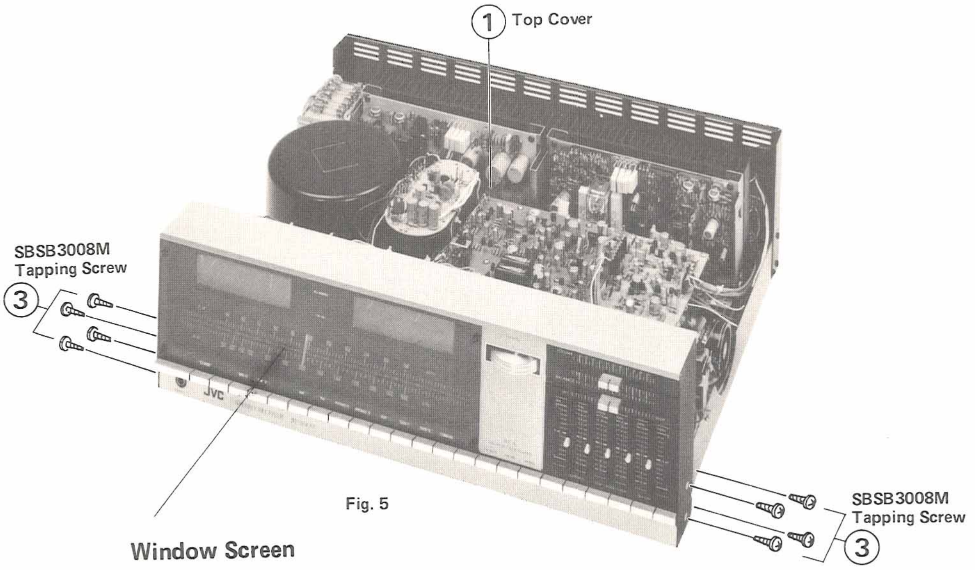

① Top Cover
SBSB3008M
Tapping Screw
③
SBSB3008M
Tapping Screw
③
Window Screen

Fig. 5

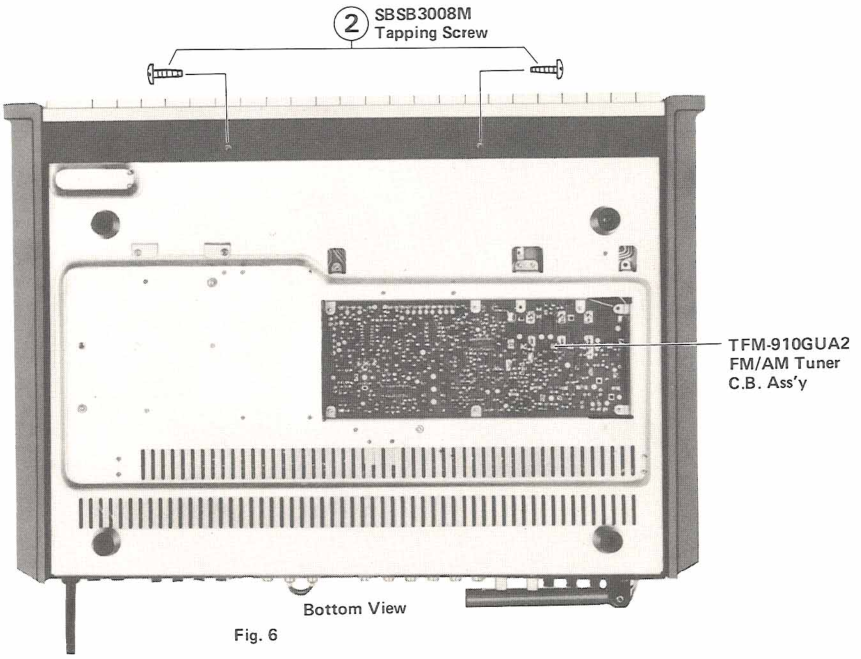

② SBSB3008M
Tapping Screw
TFM-910GUA2
FM/AM Tuner
C.B. Ass'y
Bottom View

Fig. 6

4. Main Parts Location

Top View

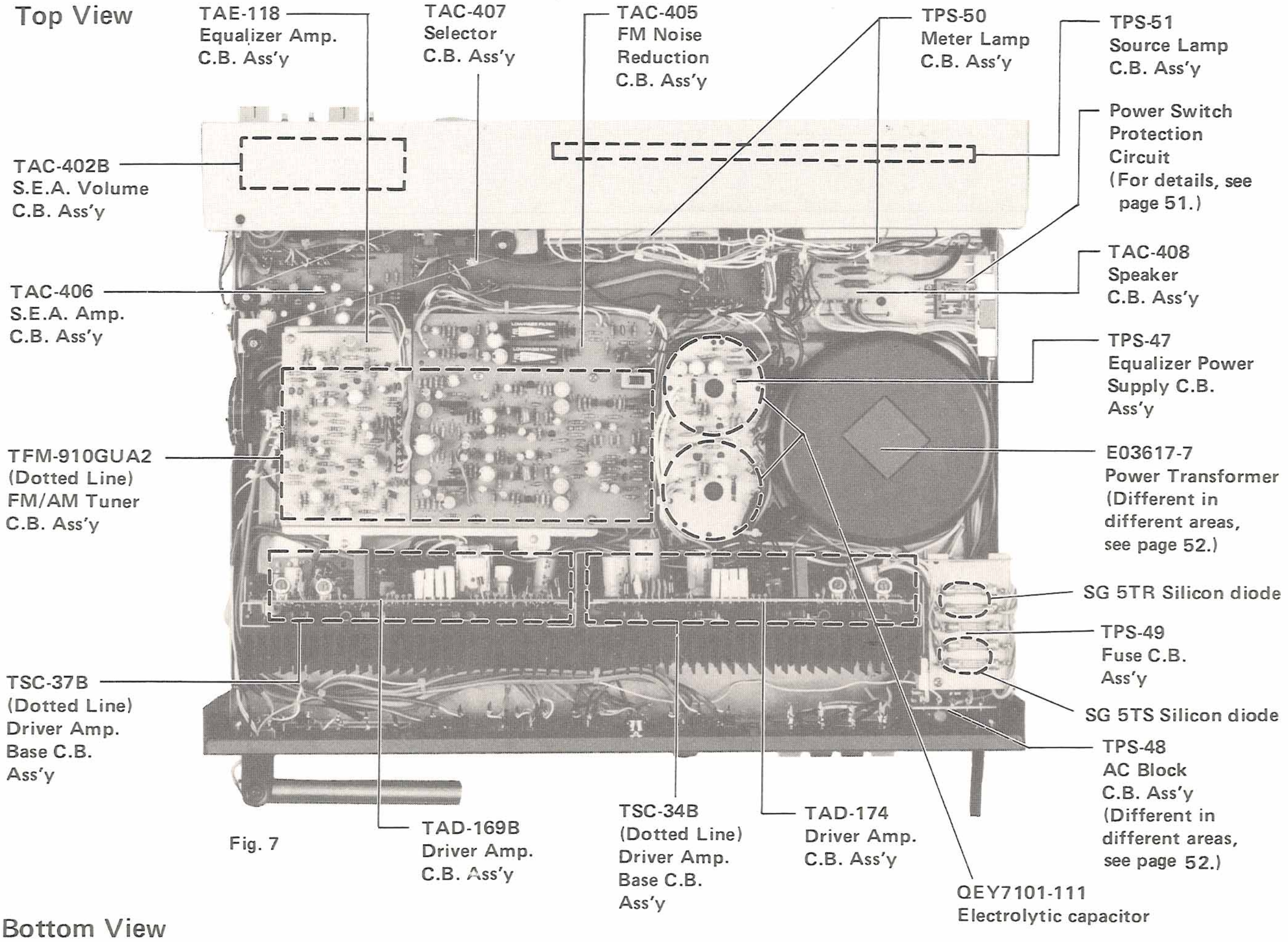

TAE-118
Equalizer Amp.
C.B. Ass'y
TAC-407
Selector
C.B. Ass'y
TAC-405
FM Noise
Reduction
C.B. Ass'y
TPS-50
Meter Lamp
C.B. Ass'y
TPS-51
Source Lamp
C.B. Ass'y
Power Switch
Protection
Circuit
(For details, see
page 51.)
TAC-402B
S.E.A. Volume
C.B. Ass'y
TAC-408
Speaker
C.B. Ass'y
TAC-406
S.E.A. Amp.
C.B. Ass'y
TPS-47
Equalizer Power
Supply C.B.
Ass'y
TFM-910GUA2
(Dotted Line)
FM/AM Tuner
C.B. Ass'y
E03617-7
Power Transformer
(Different in
different areas,
see page 52.)
SG 5TR Silicon diode
TPS-49
Fuse C.B.
Ass'y
TSC-37B
(Dotted Line)
Driver Amp.
Base C.B.
Ass'y
SG 5TS Silicon diode
TPS-48
AC Block
C.B. Ass'y
(Different in
different areas,
see page 52.)
TAD-169B
Driver Amp.
C.B. Ass'y
TSC-34B
(Dotted Line)
Driver Amp.
Base C.B.
Ass'y
TAD-174
Driver Amp.
C.B. Ass'y
QEY7101-111
Electrolytic capacitor

Fig. 7

Bottom View

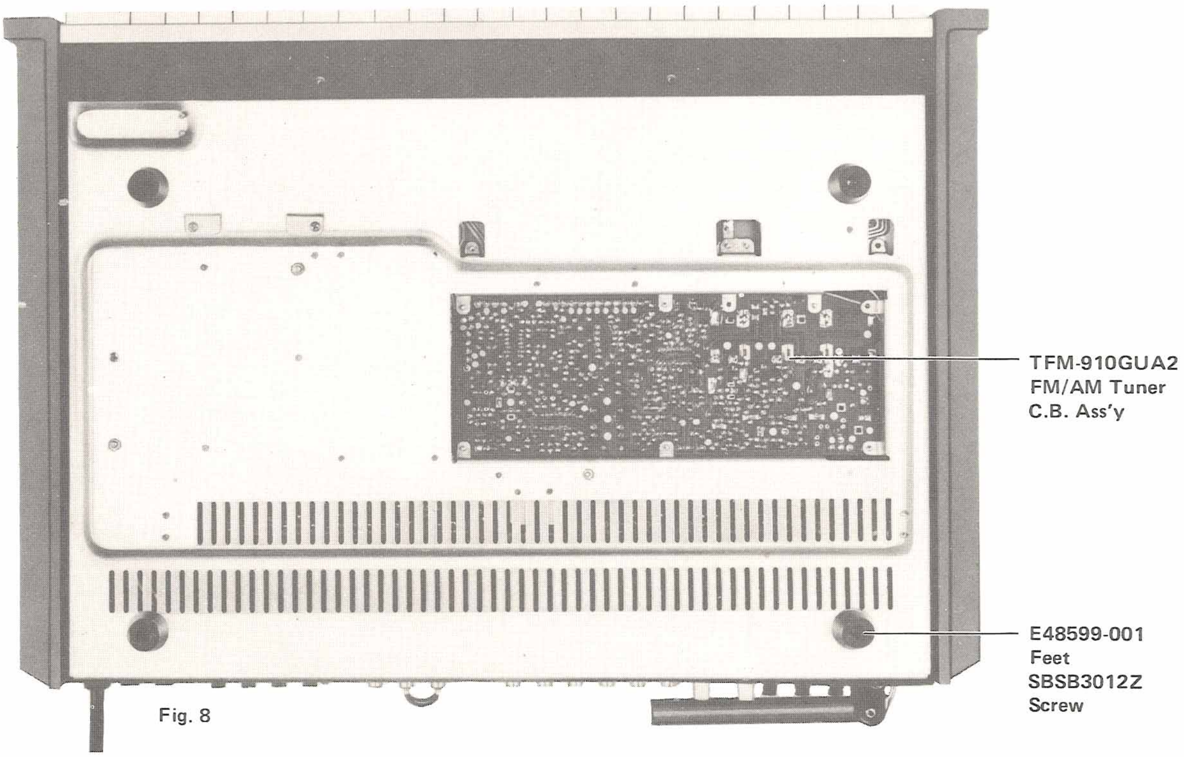

TFM-910GUA2
FM/AM Tuner
C.B. Ass'y
E48599-001
Feet
SBSB3012Z
Screw

Fig. 8

5. Exploded View and Parts List

5-(1) Front Panel

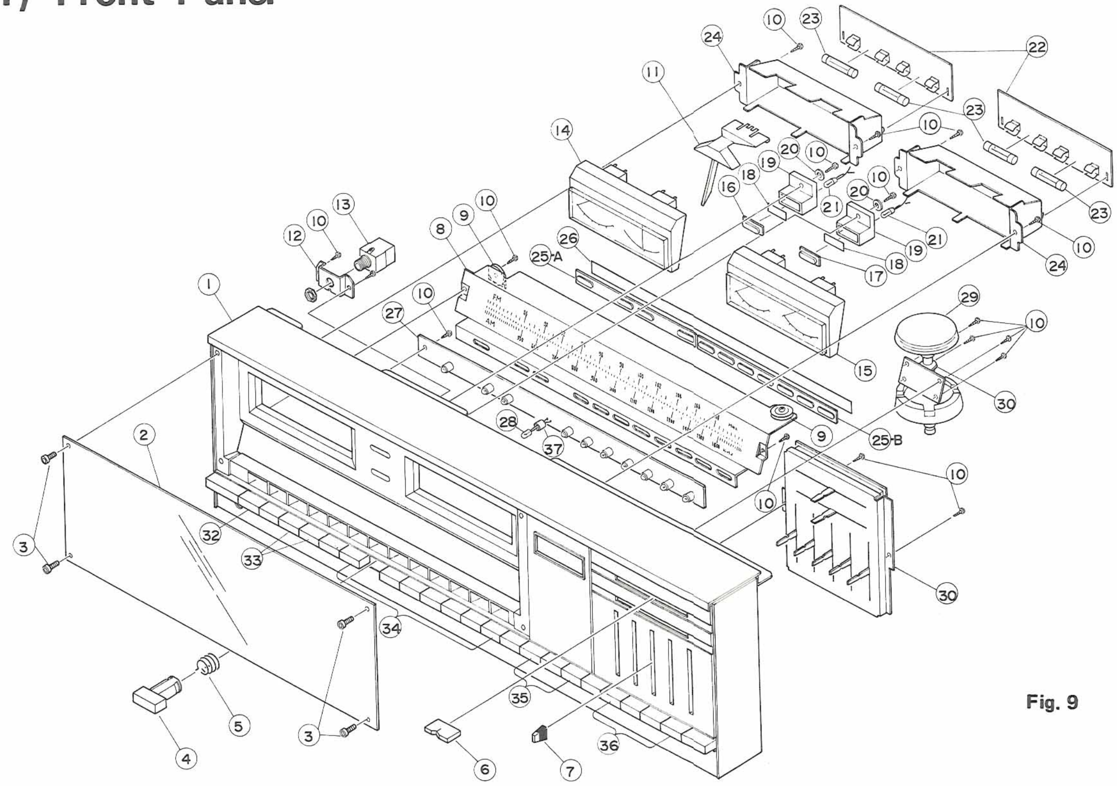

10
23
24
22
11
14
23
10
20
10
19
18
16
20
10
21
23
13
10
9
10
12
8
26
25-A
21
19
18
17
10
24
1
10
27
29
10
15
30
28
9
25-B
37
2
10
10
3
32
33
30
34
3
35
5
3
36
4
6
7
FM
AM

Fig. 9

Parts List

Item No.	Part Number	Description
1	E10077-001	Front Panel Ass'y
2	E34410-002	Window Screen
3	E60919-001	Hexagonal Bolt
4	E60859-001	Pushbutton
5	E47794-002	Spring
6	E60886-001	Slide Knob (Volume and Balance)
7	E60879-001	Slide Knob (S.E.A. Control)
8	E22001-001	Dial Scale
9	E45017-001	Roller
10	SBSB3010Z	Tapping Screw
11	E34422-001	Dial Pointer
12	E60926-001	V-Bracket (Headphone)
13	QMS6301-001	Headphone Jack Ass'y
14	E03680-003	Tuning Meter
15	E03680-004	Power Meter
16	E60873-001	Stereo Indicator
17	E60873-002	N. R. Indicator
18	E46855-043	Color Screen
19	E60874-001	Reflector
20	Q03091-105	Washer
21	QLP3104-106	Pilot Lamp (Meter)
22	TPS-50	Lamp C.B. Ass'y (See page 20)
23	QLP4101-006	Pilot Lamp (Fuse type)
24	E34417-002	Meter Holder
25A	E34416-001	Indicator
25B	E34416-002	″
26	E46855-044	Screen
27	TPS-51	Source Lamp C.B. Ass'y (See page 21)
28	QLP3201-005	Lamp with TPS-51
29	E60869-001	Tuning Knob
30	E34420-001	Tuning Shaft Ass'y (with Tuning Knob)
31	TAC-402B	S.E.A. Volume C.B. Ass'y (See page 31)

Parts List

Item No.	Part Number	Description
*32	QSU1135-001	Push Switch Ass'y (Power)
33	QSP0229-003	Push Switch Ass'y with TAC-408
34	QSP0289-105	Push Switch Ass'y with TAC-407
35	QSP0239-102	Push Switch Ass'y with TAC-407
36	QSP0249-103	Push Switch Ass'y with TAC-406
37	E60956-001	Rubber Holder (Source Lamp) with TPS-51

*Different in different areas, see page 52.

5-(2) Rear Panel

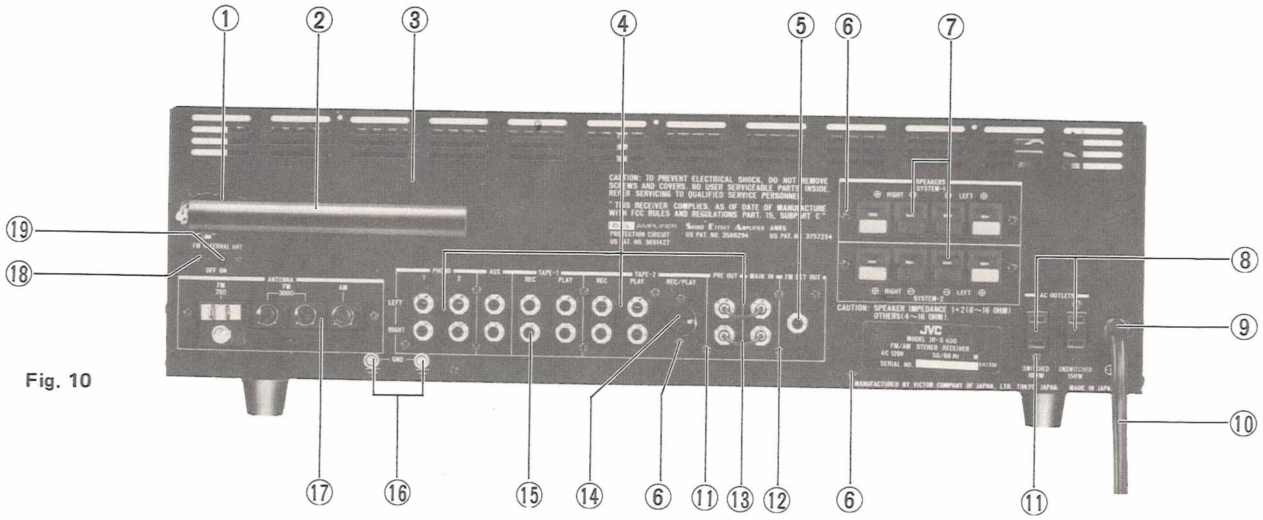


Fig. 10

Parts List

Item No.	Part Number	Description
1	E49695-002	Bar Antenna Bracket
2	E03037-31UD	Bar Antenna Coil
3	E22002-001	Rear Panel
4	E03591-41C	Pin Jack Ass'y
5	E03591-10	"
6	SBSB3008M	Tapping Screw
7	E03572-008	Speaker Terminal Board Ass'y
* 8	QMC0437-001	AC Socket (Assembled with TPS-48)
* 9	QHS3876-162	Cord Stopper
*10	QMP1600-244	Power Cord
11	SPSP3008MS	Screw
12	SPSD3008MS	Self Tapping Screw
13	E03449-001	Short Pin Plug
14	QMC0589-005	DIN Jack
15	E03591-61C	Pin Jack Ass'y
16	E49973-001	GND Terminal Ass'y
17	E03629-001	Antenna Terminal Board Ass'y
18	SPSP2006M	Screw
19	QSS0021-002UA	Internal Antenna Switch

Others

Item No.	Part Number	Description
1	E42803-004	Passed Mark
2	E64216-002	Caution Tag

*Different in different areas, see page 52.

6. Dial Stringing Procedure

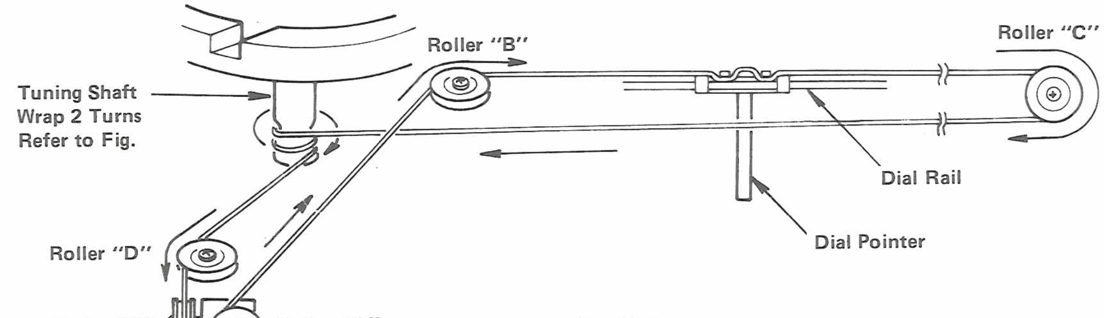

Roller "B"
Roller "C"
Tuning Shaft
Wrap 2 Turns
Refer to Fig.
Dial Rail
Dial Pointer
Roller "D"
Roller "E"
Roller "A"
Finish
Start
Wind 2-1/2
Turns
Refer to Fig.

Fig. 11

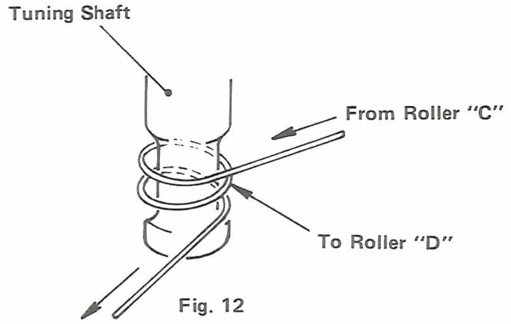

Tuning Shaft
From Roller "C"
To Roller "D"

Fig. 12

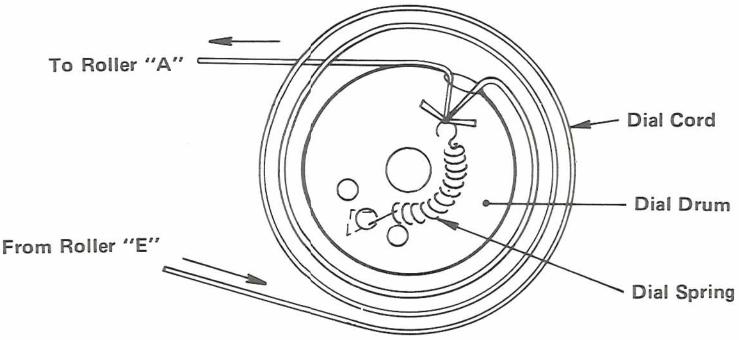

To Roller "A"
Dial Cord
Dial Drum
From Roller "E"
Dial Spring

Fig. 13

(1) Remove dial pointer and old cord.
(2) Tie end of new dial cord to one end of dial spring, connect other end of dial spring of bottom right eye inside dial drum. See fig. 13.
(3) Rotate the tuning capacitor dial drum to its maximum counterclockwise.
(4) Run the dial cord through the slot in the rim of the dial drum. See fig. 11.
(5) Guide dial cord around rollers "A" and "B", and over and around roller "C". Keep the dial cord taut during this procedure.
(6) Pull dial cord taut and wrap 2 turns around tuning shaft. See fig. 12.
(7) Guide dial cord around rollers "D" and "E".
(8) Guide dial cord under the dial drum and wind 2-1/2 turns clockwise. See fig. 13.
(9) Turn the tuning shaft to rotate the dial drum fully counterclockwise and fully clockwise to distribute the tensioning along the dial cord.
(10) Place the dial cord over and under the tabs on the rear of the dial pointer (see detail on fig. 11) and place the pointer on the top of the dial panel rail.
(11) Turn the tuning shaft clockwise, slide the dial pointer to zero (0) calibration marker on the logging scale while holding tuning shaft fully clockwise. Cement the dial pointer to dial cord to prevent slippage. Allow cement to dry thoroughly.
(12) Check dial calibration. Refer to FM/AM Alignment Procedure on page 10.
(13) Replace top cover.

7. FM/AM Tuner Alignment Procedures

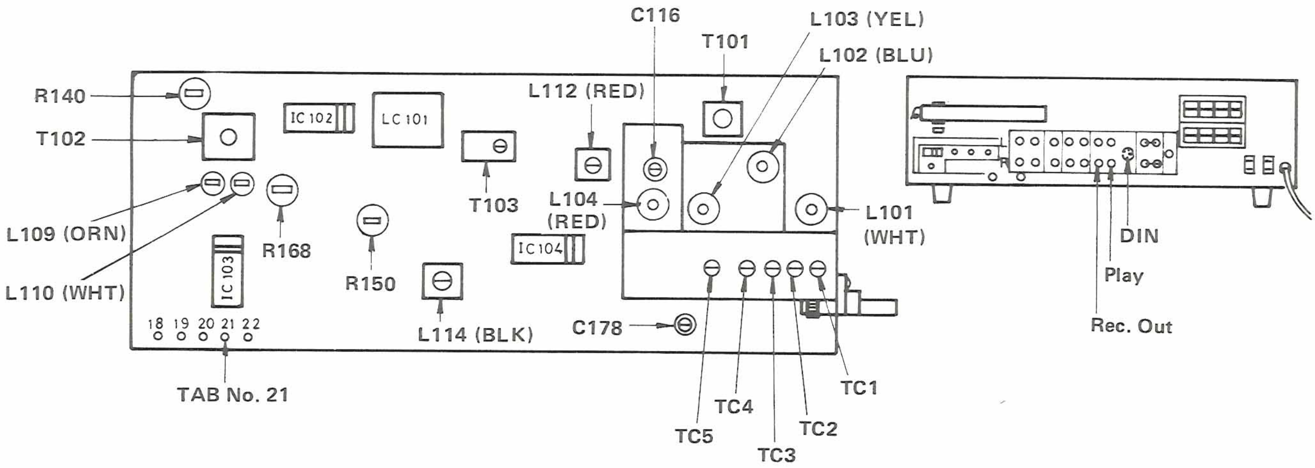

C116
T101
L103 (YEL)
L102 (BLU)
R140
T102
IC102
LC101
L112 (RED)
T103
L104
(RED)
IC104
L109 (ORN)
L110 (WHT)
IC103
R168
R150
L114 (BLK)
C178
L101
(WHT)
18 19 20 21 22
TAB No. 21
TC1
TC2
TC3
TC4
TC5
DIN
Play
Rec. Out

Fig. 14

7-(1) FM Section

Discriminator, Center Meter & Distortion

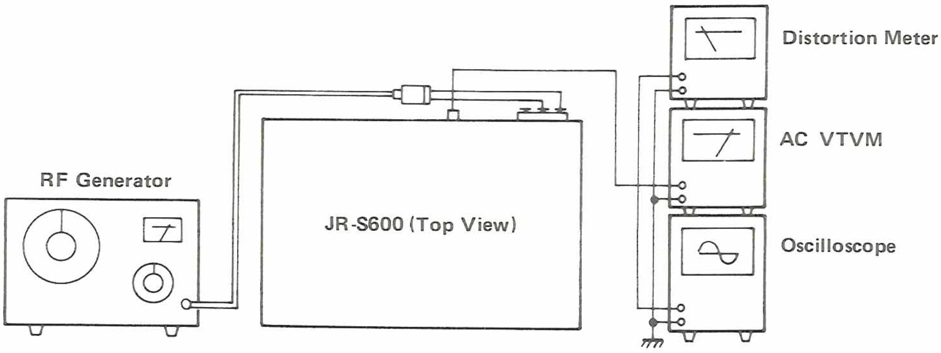
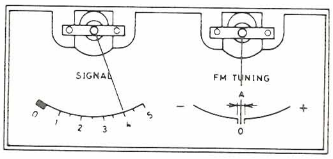

Distortion Meter
AC VTVM
Oscilloscope
RF Generator
JR-S600 (Top View)

Fig. 15


SIGNAL
FM TUNING
A
0 1 2 3 4 5
-
+
0

Signal & FM Tuning Meters

Signal meter should indicate maximum when center meter deflects in the range of "A".

Fig. 16

1. Connect an RF generator, 1kHz modulation and 75kHz deviation, to the antenna terminals on the rear panel through a dummy antenna.
2. Connect an oscilloscope, distortion meter and VTVM to the Rec. Out on the rear panel. See fig. 15.
3. Tune to a frequency where there is no broadcasting.
4. Adjust the bottom core of T102 so that the center meter indicates "0" (zero).
5. Set the RF generator to 98MHz.
6. Set the dial pointer to 98MHz.
7. Adjust the top core of T102 so that the distortion is minimized at a value less than 0.4%.

Tracking and Sensitivity

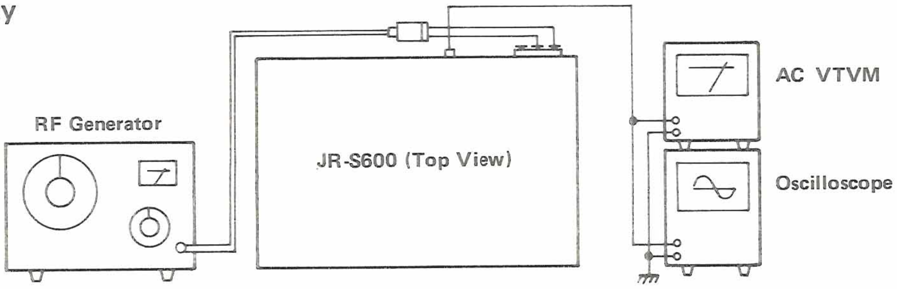


Fig. 17

Low Frequency

1. Connect an RF generator to the antenna terminals on the rear panel through a dummy antenna.
2. Set the RF generator to 88MHz, a modulation of 1kHz and a deviation of 75kHz, to provide an input of 2μV.
3. Connect a VTVM and an osciloscope to the Rec. Out on the rear panel.
4. Set the dial pointer to 88MHz.
5. Adjust five coils L104, L103, L102, L101 and T101 (top and bottom cores).

High Frequency

6. Set the RF generator to 108MHz, a modulation of 1kHz and a deviation of 75kHz to provide an input of 2μV.
7. Set the dial pointer to 88MHz.
8. Set the FM trimmers C114, TC5, TC3 and TC1 in the tuning gang to maximize the output.
9. Repeat these high and low frequency adjustments alternately until maximum sensitivity is obtained.

Note: After completion of this procedure, make sure that the center meter indicates proper position. Repeat steps 4 through 7 of the center meter adjustment, if it is not indicated properly. See fig. 16.

Multiplex & Separation

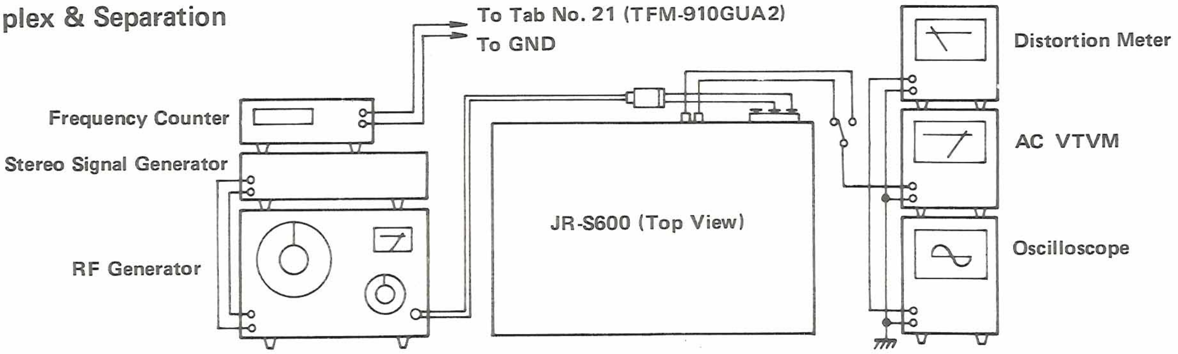


Fig. 18

Multiplex

1. Set the stereo signal generator as follows: Modulation frequency 1kHz, Deviation pilot 7.5kHz, Main and Sub. 67.5kHz. Connect its output to an RF generator.
2. Connect an RF generator to the antenna terminals through a dummy antenna.
3. Connect a VTVM, an oscilloscope and a distortion meter to the Rec. Out on the rear panel.
4. Set the RF generator to 98MHz and an output of 1mV.
5. Set the dial pointer to 98MHz.
6. Connect a frequency counter to Tab No. 21.
7. Switch the pilot signal of stereo modulator off.
8. Adjust R168 so that the frequency counter indicates 19kHz (±0.01kHz).

Stereo Separation

9. Switch the selector of the stereo modulator to left channel modulation.
10. Adjust R210 located on TAC-405 (Noise Reduction C.B. Ass'y) so that the output of the right channel is minimized.
11. Switch the selector of the modulator to right channel modulation.
12. Adjust R210 located on TAC-405 so that the output of the left channel is minimized.
13. Set R210 to average, if the separations of right and left channels are different.

Note: Keep the muting pushbutton out during this adjustment procedure of stereo separation.

Multing Level

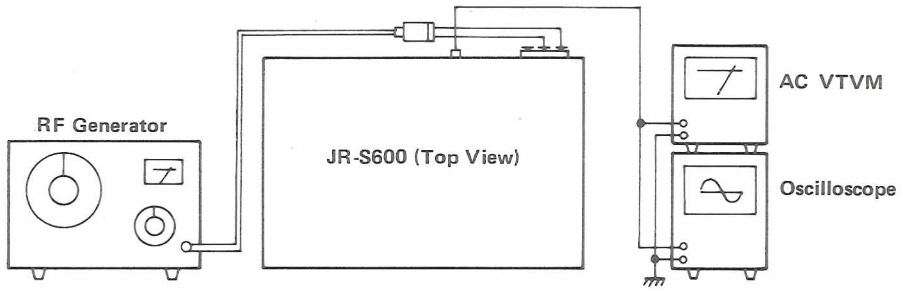
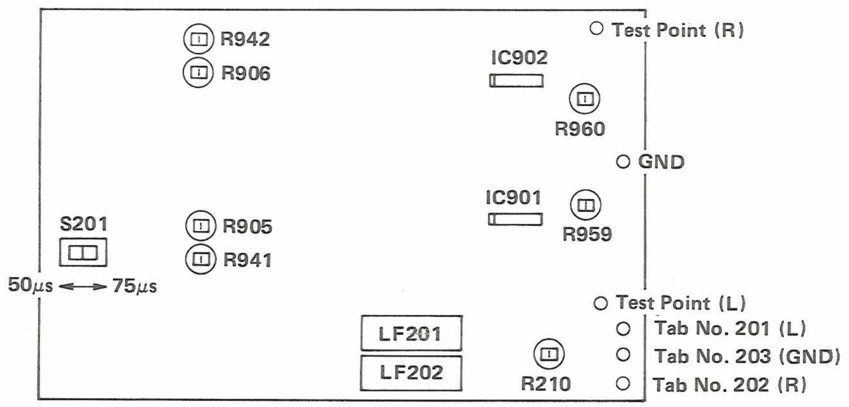

RF Generator
JR-S600 (Top View)
AC VTVM
Oscilloscope

Fig. 19

1. Connect a VTVM and an oscilloscope to the Rec. Out on the rear panel.
2. Set the RF generator to 98MHz, a modulation of 1kHz and a deviation of 75kHz, to provide an input of 10μV.
3. Turn R150 clockwise and remember the point at which the muting ceases operating.
4. Turn R150 counterclockwise slightly so that the output level drops by 1dB.
5. Attenuate the output of the RF generator to 2dB from 10μV of step 2 and check that the muting is till operating.

FM Noise Reduction System Adjustments


R942
R906
IC902
Test Point (R)
R960
GND
IC901
R959
S201
R905
R941
50μs ⟷ 75μs
Test Point (L)
Tab No. 201 (L)
Tab No. 203 (GND)
Tab No. 202 (R)
LF201
LF202
R210

TAC-405 FM Noise Reduction C.B. Ass'y

Fig. 20

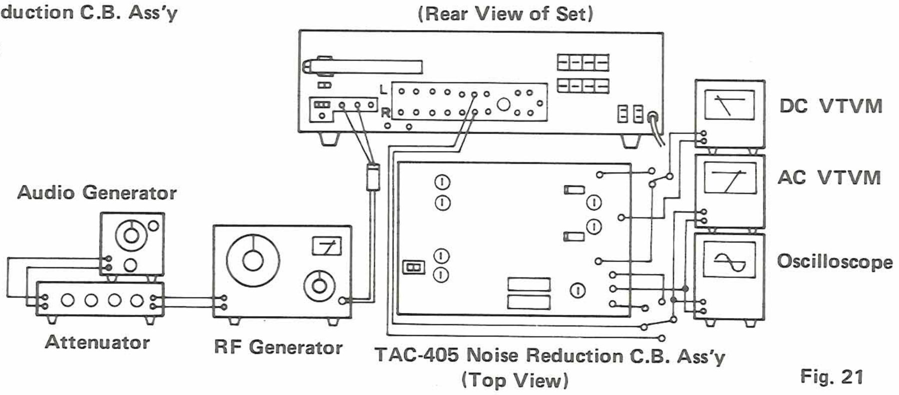

(Rear View of Set)
L
R
DC VTVM
AC VTVM
Oscilloscope
Audio Generator
Attenuator
RF Generator
TAC-405 Noise Reduction C.B. Ass'y
(Top View)

Fig. 21

Output Level Adjustment

1. Connect an audio generator, 400Hz & 100% modulation, to the external modulation terminals of RF generator.
2. Set the attenuator to "0" (zero).
3. Set the RF generator to 98MHz, 75kHz deviation and an output of 60dB (1mV).
4. Check that the de-emphasis switch is in proper position. Different time constants are set to this unit for different areas at the factory. Make sure of which time constant (50μs or 75μs) is required in your area.
5. Connect a VTVM to Tab. No. 201 and 202.
6. Press off the noise reduction switch on the front panel.
7. Adjust R140 located on TFM-910GUA2 for VTVM reading of 130mV.
8. Repress the noise reduction switch ON and turn R941, R942, R959 and R960 located on TAC-405 fully clockwise.
9. Adjust R905 and R906 located on TAC-405 for VTVM reading of 130mV.
10. Connect a VTVM to Rec. Out. Check that the VTVM indicates 500mV to 1V and memorize the output level for the next noise reduction adjustment at this time.

Note: Keep the muting pushbutton out during this level adjustment procedure.

Noise Reduction Adjustment

11. Set the output of RF generator to a value less than 0dB (1μV).
12. Press ON the muting switch pushbutton located on front panel.
13. Connect a DC VTVM to the left and right channel test points.
14. Adjust R959 and R960 located on TAC-405 for DC VTVM reading of 0.42V.
15. Reset the RF generator to an output of 60dB (1mV).
16. Repress the muting switch pushbutton OFF.
17. Reset the attenuator installed between audio generator and RF generator to 26dB (from 0dB, see step 2 of output level adjustment).
18. Reset the audio generator to 4kHz (from 400Hz, see step 1 of output level adjustment).
19. Adjust R941 and R942 for VTVM reading of 30dB lower than the memorized output level, refer to step 10 of output level adjustment.

7-(2) AM Section

Tracking and Sensitivity

Low Frequency

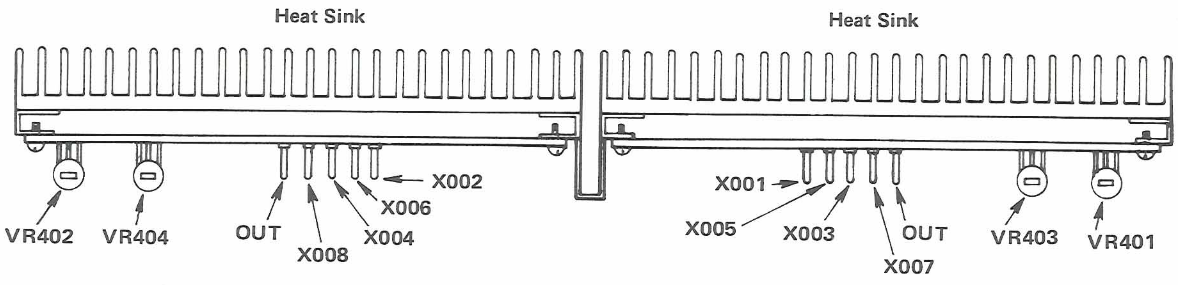
1. Connect an RF generator to the antenna terminals on the rear panel, and set this to 600kHz with 30% modulation at 400Hz.
2. Connect an AC VTVM and an oscilloscope to Rec. Out on the rear panel.
3. Set the dial pointer to 600kHz.
4. Adjust the osc. transformer L112 and the ferrite bar antenna to maximize the output signal.

High Frequency

5. Set the RF generator to 1,400kHz with 30% modulation at 400Hz.
6. Set the dial pointer to 1,400kHz.
7. Adjust the trimmers TC4 and TC2 in the AM tuning gang so that the output signal is maximized.
8. Repeat these high and low frequency adjustments alternately until maximum sensitivity is obtained.

8. Power Amplifier Adjustment Procedures

(   ): For right channel adjustment


Heat Sink
Heat Sink
X002
X006
VR402
VR404
OUT
X004
X008
X001
X005
X003
OUT
X007
VR403
VR401

TAD-174 Driver Amp. C.B. Ass'y

TAD-169B Driver Amp. C.B. Ass'y

Fig. 22

8-(1) Center Voltage

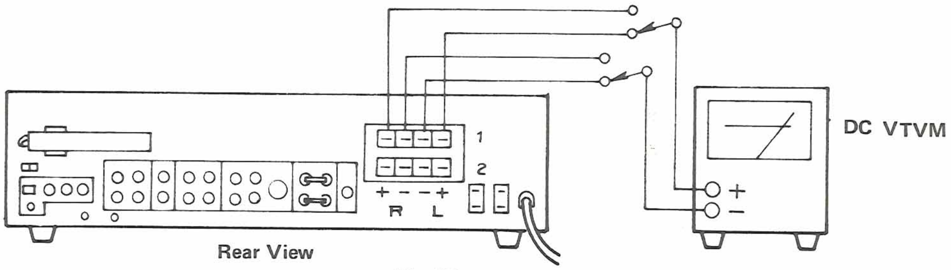

1
2
+ – – +
R L
DC VTVM
+
–
Rear View

Fig. 23

1. Set VR402 located on TAD-174 (VR401 located on TAD-169B) to center position before pressing the power switch ON. Refer to fig. 22.
2. Connect a DC VTVM to left channel (right channel) speaker terminals on the rear panel. Refer to fig. 23.
3. Adjust VR402 (VR401) for DC VTVM reading of "0" Volt. Refer to fig. 22.

8-(2) Idling Current

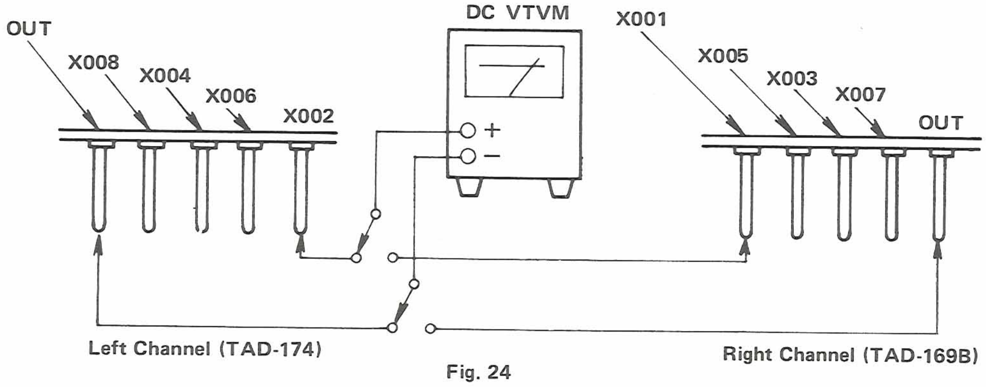

OUT
X008
X004
X006
X002
DC VTVM
+
–
X001
X005
X003
X007
OUT
Left Channel (TAD-174)
Right Channel (TAD-169B)

Fig. 24

1. Turn VR404 located on TAD-174 fully counterclockwise and turn VR403 located on TAD-169B fully clockwise before pressing the power switch ON. Refer to fig. 22.
2. Connect a DC VTVM to test points "OUT" and X002 located on TAD-174 ("OUT" and X001 located on TAD-169B). Refer to fig. 24.
3. Adjust VR404 located on TAD-174 (VR403 located on TAD-169B) for DC VTVM reading of 20mV.

8-(3) Power Meter

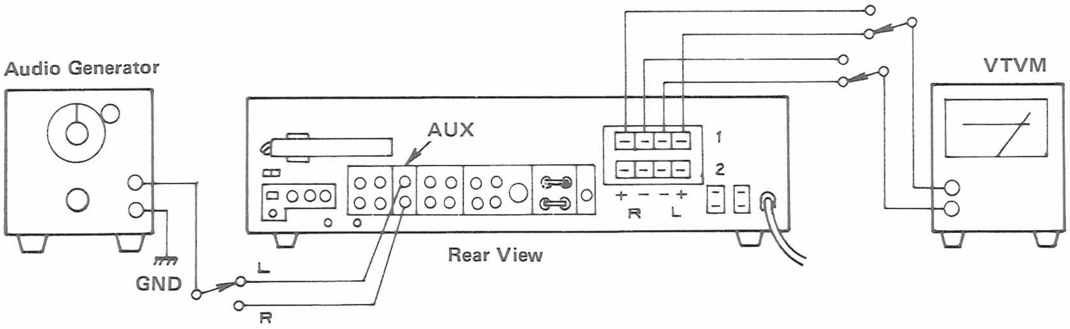
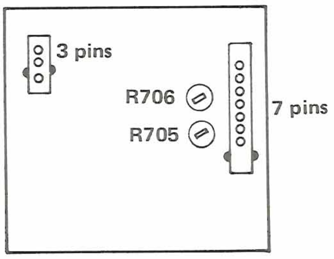
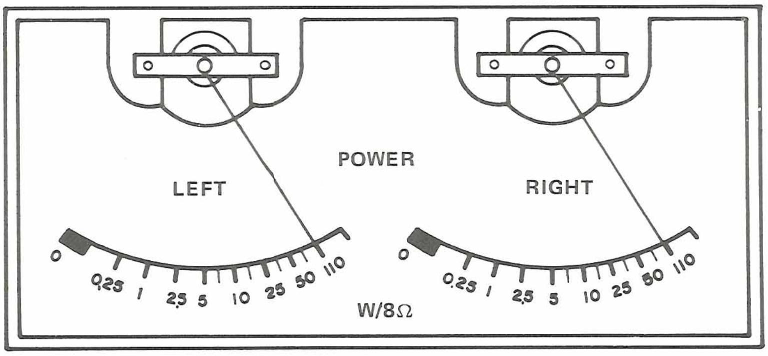

Audio Generator
VTVM
AUX
1
2
+ − − +
R L
Rear View
GND
L
R

Fig. 25


3 pins
R706
R705
7 pins

Top View of TAC-408

Fig. 26


POWER
LEFT
RIGHT
0
0.25
1
2.5
5
10
25
50
110
W/8Ω

Power Meter

Fig. 27

1. Turn R706 and R706 located on TAC-408 fully clockwise. Refer to fig. 26.
2. Connect an audio generator to left channel (right channel) AUX pin-jack on the rear panel. Refer to fig.25.
3. Set the audio generator to 1kHz and sine wave.
4. Connect a VTVM to left channel (right channel) speaker terminals on the rear panel. Refer to fig.25.
5. Adjust the output of audio generator for VTVM reading of 29.7V.
6. Adjust R706 (R705) so that the power meter indicates 110W. Refer to fig.27.

9. Circuit Board Ass'y Parts List

9-(1) TSC-34B Driver Amp. Base C.B. Ass'y

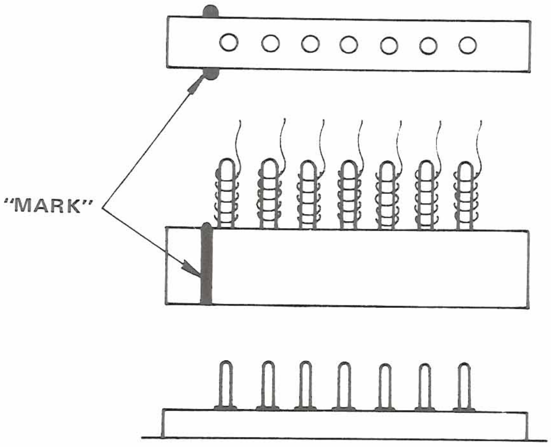
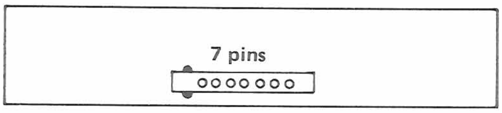


Fig. 28-A

Precaution
Reconnect the female plug to a proper position as indicated "MARK". Refer to Fig. 28-B.



Top View of TSC-34B

Fig. 28-B

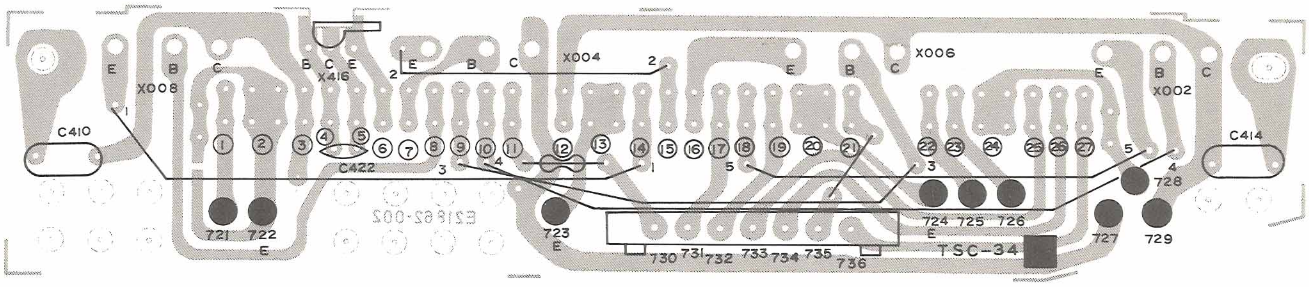

C410
X008
E
B
C
B C E
X416
X004
X006
X002
C414
C422
721
722
723
724 725 726
727
728
729
730 731 732 733 734 735 736
TSC-34

Fig. 29

Transistors

Item No.	Part Number	Rating		Description	Maker
		Pc	fT		
X002	2SD425 (O)	100W	6MHz	Silicon	Toshiba
X004	2SB555 (O)	''	''	''	''
X006	2SD425 (O)	''	''	''	''
X008	2SB555 (O)	''	''	''	''
X416	2SC853 (M)	400mW		''	NEC

Capacitors

Item No.	Part Number	Rating		Description	Maker
C410	QFM42AK-224	0.22μF	10V	Mylar	
C414	QFM42AK-224	''	''	''	

Others

Item No.	Part Number	Rating	Description	Maker
	E03606-001		Male Contact Pin	
	E03677-002		Transistor Socket	
	E21824-002		Heat Sink	
	E34120-001		Bracket	
	E34412-001		Heat Sink Bracket	
	E49784-002		Contact Pin	

9-(2) TSC-37B Driver Amp. Base C.B. Ass'y

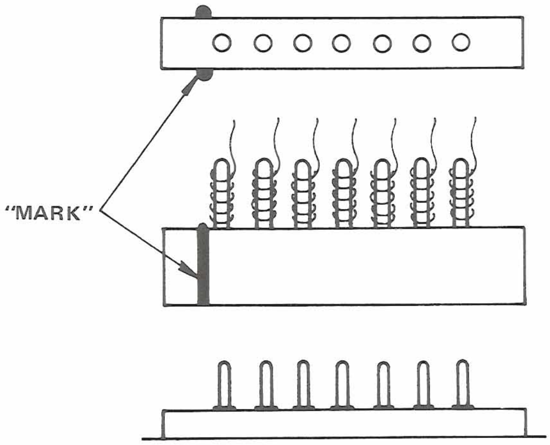
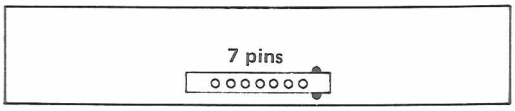


Fig. 30-A

Precaution
Reconnect the female plug to a proper position as indicated "MARK". Refer to Fig. 30-B.



Top View or TSC-37B

Fig. 30-B

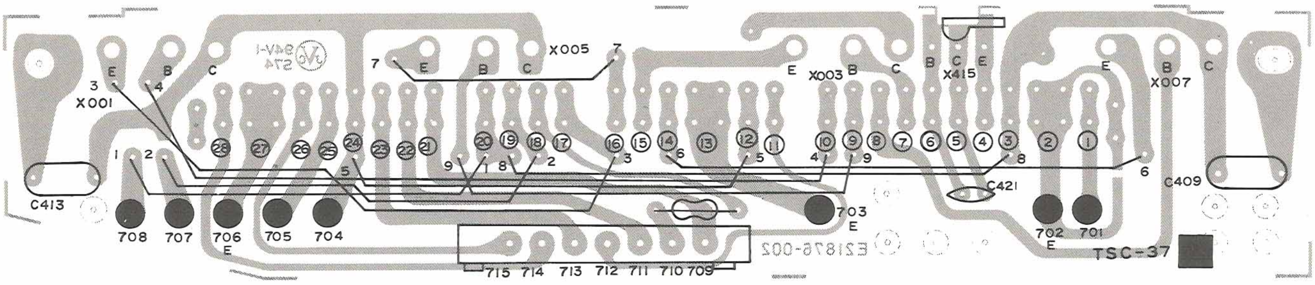

X001
X003
X005
X007
X415
E
B
C
C413
C409
C421
708
707
706
705
704
703
702
701
715 714 713 712 711 710 709
TSC-37
E21876-002

Fig. 31

Transistors

Item No.	Part Number	Rating		Description	Maker
		Pc	fT		
X001	2SD425 (O)	100W	6MHz	Silicon	Toshiba
X003	2SB555 (O)	"	"	"	"
X005	2SD425 (O)	"	"	"	"
X007	2SB555 (O)	"	"	"	"
X415	2SC853 (M)	400mW		"	NEC

Capacitors

Item No.	Part Number	Rating		Description	Maker
C409	QFM42AK-224	0.22μF	10V	Mylar	
C413	QFM42AK-224	"	"	"	

Others

Item No.	Part Number	Rating	Description	Maker
	E03606-001		Male Contact Pin	
	E03677-002		Transistor Socket	
	E21824-002		Heat Sink	
	E34120-002		Bracket	
	E34412-002		Heat Sink Bracket	
	E49784-002		Contact Pin	

9-(3) TPS-47 Equalizer Power Supply C.B. Ass'y

Precaution: To remove this C.B. ass'y, desolder 4 tabs, item Nos. 836 through 839.

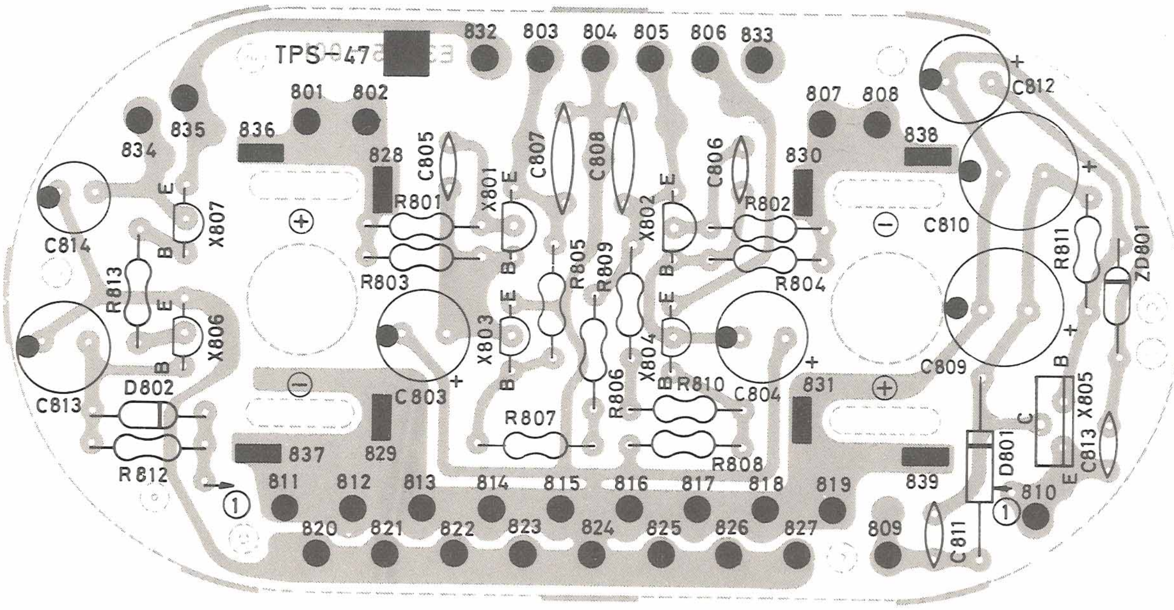

TPS-47
832
803
804
805
806
833
801
802
807
808
C812
835
836
834
828
C805
C807
C808
C806
830
838
X801
X802
R801
R802
C814
X807
C810
R811
ZD801
R803
R805
R809
R804
R813
X806
X803
X804
C803
C804
C809
D802
R810
831
C813
R806
R807
X805
D801
C813
837
829
R808
R812
811
812
813
814
815
816
817
818
819
839
810
820
821
822
823
824
825
826
827
809
C811
①
B
E
C
+
⊕
⊖

Fig. 32

Transistors

Item No.	Part Number	Rating		Description	Maker
		Pc	fT		
X801	2SD438 (E)	750mW	100MHz	Silicon	Sanyo
X802	2SB560 (E)	〃	〃	〃	〃
X803	2SC1775AV (F)	300mW	200MHz	〃	Hitachi
X804	2SA872AV (D)	〃	〃	〃	〃
X805	2SD330V (E)	20W	8MHz	〃	Sanyo
X806	2SC1775AV (F)	300mW	200MHz	〃	Hitachi
X807	2SA872AV (D)	〃	〃	〃	〃

Diodes

Item No.	Part Number	Rating	Description	Maker
D801	SIB01-02		Silicon	Fuji
D802	1S188FM		Germanium	Sanyo
ZD801	E0771-15		Zener	Fuji

Capacitors

Item No.	Part Number	Rating		Description	Maker
C803	QEW41HA-476	47µF	50V	Electrolytic	
C804	QEW41HA-476	〃	〃	〃	
C805	QCF11HP-103	0.01µF	〃	Ceramic	
C806	QCF11HP-103	〃	〃	〃	
C807	QCF12HP-103	〃	〃	〃	
C808	QCF12HP-103	〃	〃	〃	
C809	QEW41EA-227	220µF	25V	Electrolytic	
C810	QEW41EA-227	〃	〃	〃	
C811	QCF11HP-103	0.01µF	50V	Ceramic	
C812	QEW41CA-227	220µF	16V	Electrolytic	
C813	QCF11HP-103	0.01µF	50V	Ceramic	
C813	QEW40JA-227	220µF	63V	Electrolytic	
C814	QEW41CA-476	47µF	16V	〃	

Resistors

Item No.	Part Number	Rating		Description	Maker
R801	QRG129J-102	1kΩ	1/2W	Unflamable O.M.	
R802	QRG129J-102	"	"	"	
R803	QRD141J-223	22kΩ	1/4W	Carbon	
R804	QRD141J-223	"	"	"	
R805	QRD141J-224	220kΩ	"	"	
R806	QRD141J-224	"	"	"	
R808	QRD141J-154	150kΩ	"	"	
R809	QRD141J-154	"	"	"	
R810	QRD141J-183	18kΩ	"	"	
R811	QRG129J-681	680Ω	1/2W	Unflamable O.M.	
R812	QRD141J-224	220kΩ	1/4W	Carbon	
R813	QRD141J-823	82kΩ	"	"	

9-(4) TPS-48 AC Block C.B. Ass'y

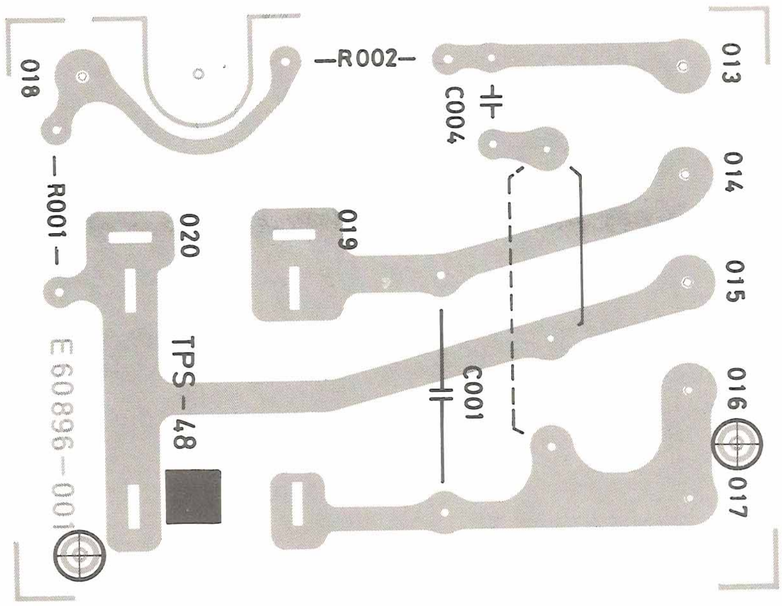


Fig. 33

Capacitors

Item No.	Part Number	Rating		Description	Maker
C001	QFH53AM-103M	0.01μF	AC 450V	Metalized Mylar	
C002	QCZ9008-101	100pF	AC 1kV	Ceramic	

Resistors

Item No.	Part Number	Rating		Description	Maker
R001	QRC121K-275E	2.7MΩ	1/2W	Composed	
R002	QRC121K-105E	1MΩ	"	"	

Other

Item No.	Part Number	Rating	Description	Maker
	QMC0437-001		AC Socket	

9-(5) TPS-49 Fuse C.B. Ass'y

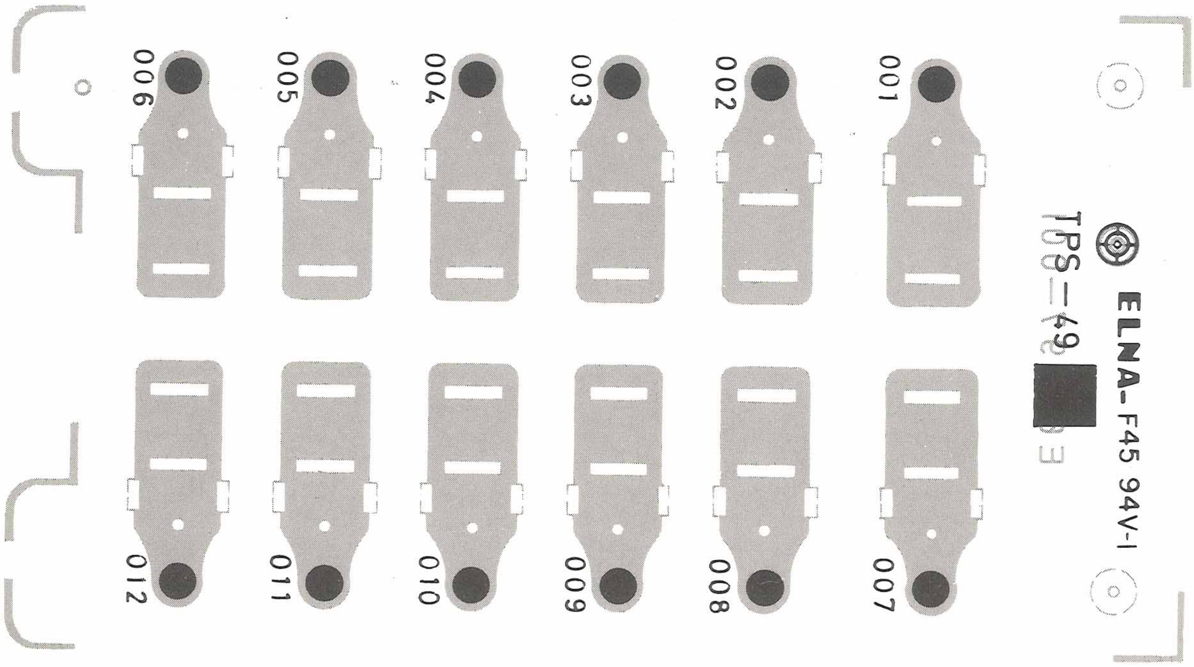

001
002
003
004
005
006
007
008
009
010
011
012
ELNA- F45 94V-I
TPS-49

Fig. 34

Item No.	Part Number	Rating	Description	Maker
	E45524-001		Fuse Clip	

9-(6) TPS-50 Meter Lamp C.B. Ass'y

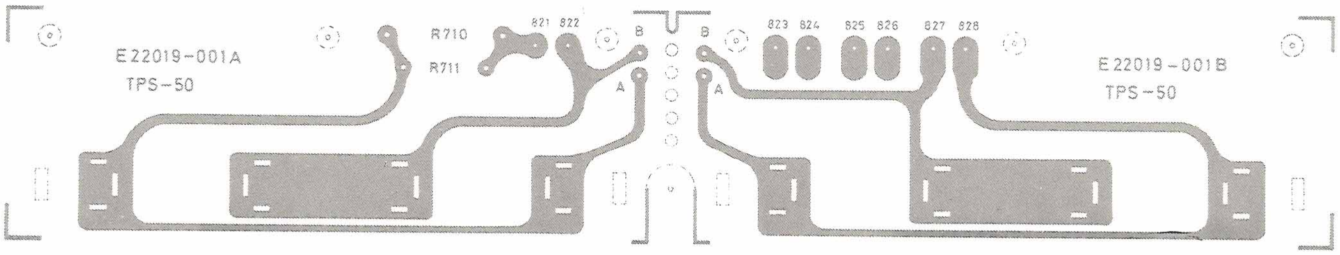

E22019-001A
TPS-50
R710
R711
821 822
B
A
B
A
823 824 825 826 827 828
E22019-001B
TPS-50

Fig. 35

Resistor

Item No.	Part Number	Rating		Description	Maker
R710	QRG016J-680	68Ω	1W	O.M.F.	

Other

Item No.	Part Number	Rating	Description	Maker
	E45524-001		Fuse Clip	

9-(7) TPS-51 Source Lamp C.B. Ass'y

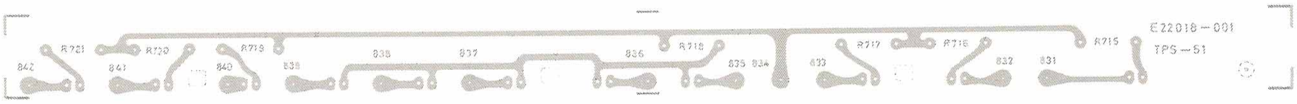

R721
842
R720
841
R719
840
839
838
837
836
R718
835
834
833
R717
R716
832
831
R715
E22018－001
TPS－51

Fig. 36

Resistors

Item No.	Part Number	Rating		Description	Maker
R715	QRG126J-220	22Ω	1/2W	O.M.F.	
R716	QRG126J-220	〃	〃	〃	
R717	QRG126J-220	〃	〃	〃	
R718	QRG126J-220	〃	〃	〃	
R719	QRG126J-220	〃	〃	〃	
R720	QRG126J-220	〃	〃	〃	
R721	QRG126J-220	〃	〃	〃	

Others

Item No.	Part Number	Rating	Description	Maker
	QLP3201-005		Lamp	
	E60956-001		Lamp Holder	

9-(8) TAE-118 Equalizer Amp. C.B. Ass'y

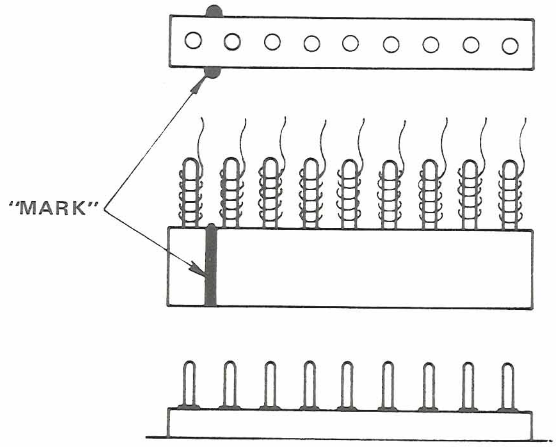
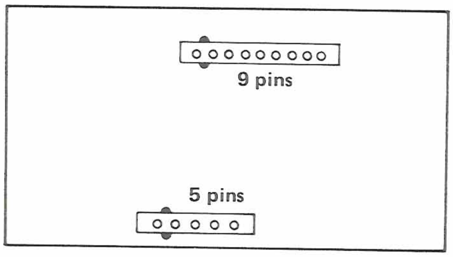


Fig. 37-A

Precaution
Reconnect the female plug to a proper position as indicated "MARK". Refer to Fig. 37-B.


9 pins
5 pins

Top View of TAE-118

Fig. 37-B

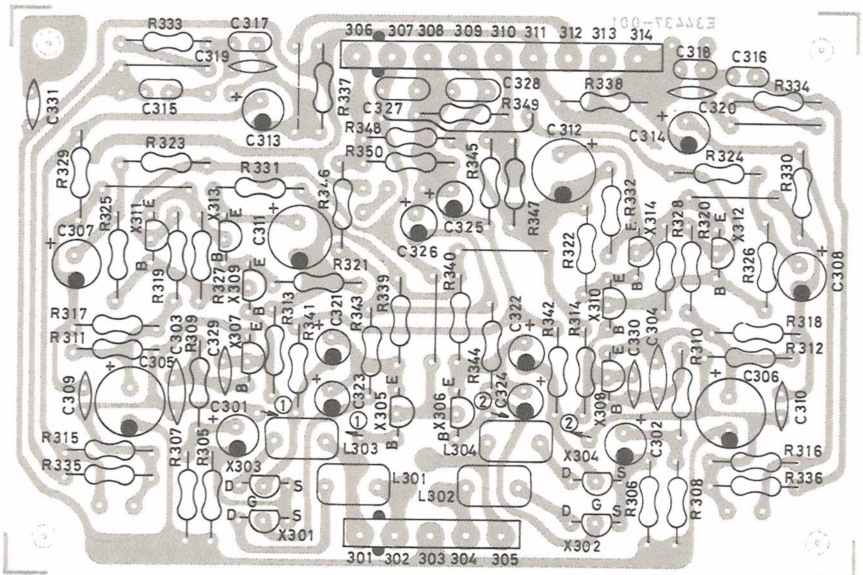

306 307 308 309 310 311 312 313 314
301 302 303 304 305
R333
C317
C319
C315
C331
R323
C313
R331
R329
R325
X311
X313
C311
C307
R319
R327
X309
R317
R311
C303
R309
C329
X307
R313
R341
C321
R343
R339
C305
C309
C301
R315
R335
R307
R305
X303
X301
L303
X305
L301
L302
R337
C327
R348
R350
R346
R321
C328
R349
R345
C325
C326
R340
R347
R344
C322
X306
C324
L304
R342
C312
R338
C318
C316
R334
C320
C314
R324
R330
R332
X314
R322
R328
R320
X312
R326
C308
R314
X310
C330
C304
R310
R318
R312
C306
C310
X308
X304
C302
R306
R308
R316
R336
X302

Fig. 38

Transistors

Item No.	Part Number	Rating		Description	Maker
		Pc	fT		
X301	2SK30GR	IDSS: 6.5mA, NF: 5dB (f=120Hz)		F.E.T.	Toshiba
X302	2SK30GR	"		"	"
X303	2SK30GR	"		"	"
X304	2SK30GR	"		"	"
X305	2SC1775AV (F)	300mW	200MHz	Silicon	Hitachi
X306	2SC1775AV (F)	"	"	"	"
X307	2SA872AV (E)	"	"	"	"
X308	2SA872AV (E)	"	"	"	"
X309	2SC1775AV (F)	"	"	"	"
X310	2SC1775AV (F)	"	"	"	"
X311	2SC1775AV (F)	"	"	"	"
X312	2SC1775AV (F)	"	"	"	"
X313	2SC1775AV (F)	"	"	"	"
X314	2SC1775AV (F)	"	"	"	"

Coils

Item No.	Part Number	Rating	Description	Maker
L301	E03522-180J	18μH	FM Detector	
L302	E03522-180J	″	″	
L303	E03522-180J	″	″	
L304	E03522-180J	″	″	

Capacitors

Item No.	Part Number	Rating		Description	Maker
C301	QEB41EM-475	4.7μF	25V	L.L.C. Electrolytic	
C302	QEB41EM-475	″	″	″	
C303	QCS11HJ-391	390pF	50V	Ceramic	
C304	QCS11HJ-391	″	″	″	
C305	QEW40JA-227	220μF	63V	Electrolytic	
C306	QEW40JA-227	″	″	″	
C307	QEW41HA-106	10μF	50V	″	
C308	QEW41HA-106	″	″	″	
C309	QCS11HJ-330	33pF	″	Ceramic	
C310	QCS11HJ-330	″	″	″	
C311	QEW40JA-227	220μF	63V	Electrolytic	
C312	QEW40JA-227	″	″	″	
C313	QEZ0046-475	4.7μF	50V	Non-polar Electrolytic	
C314	QEZ0046-475	″	″	″	
C315	QFM41HJ-102	100pF	″	Mylar	
C316	QFM41HJ-102	″	″	″	
C317	QFM41HJ-272	2700pF	″	″	
C318	QFM41HJ-272	″	″	″	
C319	QCS11HJ-271	270pF	″	Ceramic	
C320	QCS11HJ-271	″	″	″	
C321	QEB41HM-474	0.47μF	″	L.L.C. Electrolytic	
C322	QEB41HM-474	″	″	″	
C323	QEB41HM-474	″	″	″	
C324	QEB41HM-474	″	″	″	
C325	QEB41HM-105	1μF	″	″	
C326	QEB41HM-105	″	″	″	
C327	QFM42AK-103	0.01μF	10V	Mylar	
C328	QFM42AK-103	″	″	″	
C329	QCS11HJ-220	22pF	50V	Ceramic	
C330	QCS11HJ-220	″	″	″	
C331	QCF11HP-473	0.047μF	″	″	

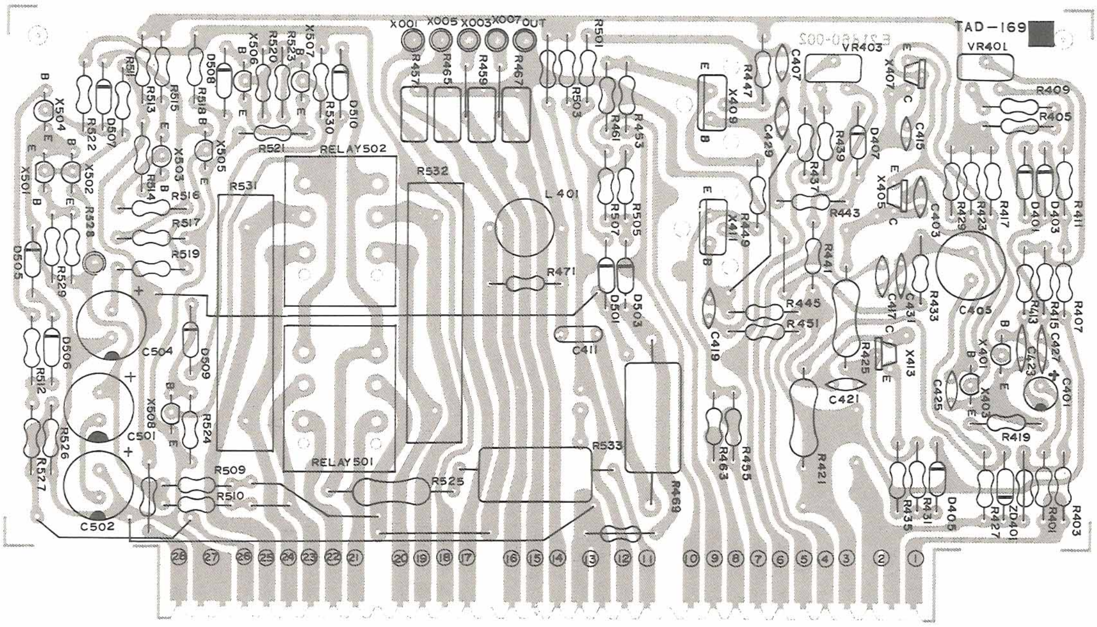
Resistors

Item No.	Part Number	Rating		Description	Maker
R305	QRZ0019-683	68kΩ	1/4W	Carbon	
R306	QRZ0019-683	″	″	″	
R307	QRZ0019-184	180kΩ	″	″	
R308	QRZ0019-184	″	″	″	
R309	QRZ0019-182	1.8kΩ	″	″	
R310	QRZ0019-182	″	″	″	
R311	QRZ0019-102	1kΩ	″	″	
R312	QRZ0019-102	″	″	″	
R313	QRZ0019-104	100kΩ	″	″	
R314	QRZ0019-104	″	″	″	
R315	QRZ0019-105	1MΩ	″	″	
R316	QRZ0019-105	″	″	″	
R317	QRZ0019-394	390kΩ	″	″	
R318	QRZ0019-394	″	″	″	
R319	QRZ0019-105	1MΩ	″	″	
R320	QRZ0019-105	″	″	″	
R321	QRZ0019-273	27kΩ	″	″	
R322	QRZ0019-273	″	″	″	
R323	QRZ0019-823	82kΩ	″	″	
R324	QRZ0019-823	″	″	″	
R325	QRZ0019-124	120kΩ	″	″	
R326	QRZ0019-124	″	″	″	
R327	QRZ0019-393	39kΩ	″	″	
R328	QRZ0019-393	″	″	″	
R329	QRZ0019-102	1kΩ	″	″	
R330	QRZ0019-102	″	″	″	
R331	QRZ0019-272	2.7kΩ	″	″	
R332	QRZ0019-272	″	″	″	
R333	QRZ0019-823	82kΩ	″	″	
R334	QRZ0019-823	″	″	″	
R335	QRZ0019-391	390Ω	″	″	
R336	QRZ0019-391	″	″	″	
R337	QRZ0019-184	180kΩ	″	″	
R338	QRZ0019-184	″	″	″	
R339	QRZ0019-184	″	″	″	
R340	QRZ0019-184	″	″	″	
R341	QRZ0019-184	″	″	″	
R342	QRZ0019-184	″	″	″	
R343	QRZ0019-184	″	″	″	
R344	QRZ0019-184	″	″	″	
R345	QRZ0019-822	8.2kΩ	″	″	
R346	QRZ0019-822	″	″	″	
R347	QRZ0019-155	1.5MΩ	″	″	

Others

Item No.	Part Number	Rating	Description	Maker
	E03628-009		9 Pins Plug	
	E03628-5		5 Pins Plug	

9-(9) TAD-169B Driver Amp. C.B. Ass'y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X003
X007
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R532
R531
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R509
R510
C504
C501
C502
C405
C411
C421
C419
C423
C401
X401
X403
X405
X407
X409
X411
X413
X501
X502
X503
X504
X505
X506
X507
X508
D401
D403
D405
D407
D501
D503
D505
D506
D507
D508
D509
D510
ZD401
R469
R471
R457
R465
R459
R467

Fig. 39

Transistors

Item No.	Part Number	Rating		Description	Maker
X401	2SC1775AV (F)	300mW	200MHz	Silicon	Hitachi
X403	2SC1775AV (F)	"	"	"	"
X405	2SA818 (O, Y)			"	Toshiba
X407	2SA818 (O, Y)			"	"
X409	2SD381V (L, M)	20W	60MHz	"	NEC
X411	2SB536V (L, M)	"	"	"	"
X413	2SC1628 (O, Y)	1W	40MHz	"	Toshiba
X501	2SC1775AV (F)	300mW	200MHz	"	Hitachi
X502	2SC1775AV (F)	"	"	"	"
X503	2SA872AV (E)	"	"	"	"
X504	2SC1775AV (F)	"	"	"	"
X505	2SC1775AV (F)	"	"	"	"
X506	2SC1775AV (F)	"	"	"	"
X507	2SC1775AV (F)	"	"	"	"
X508	2SD438 (E)	750mW	100MHz	"	Sanyo

Diodes

Item No.	Part Number	Rating	Description	Maker
D401	1S2473F		Silicon	Toyo Dengu
D403	1S2473F		"	"
D405	1S2473F		"	"
D407	1S2473F		"	"
D501	1S2473F		"	"
D503	1S2473F		"	"
D505	1S2473F		"	"
D506	1S2473F		"	"
D507	1S2473F		"	"
D508	1S2473F		"	"
D509	1S2473F		"	"
D510	1S2473F		"	"
D511	1S2473F		"	"
ZD401	E0771-10		Zener	Fuji

Coil

Item No.	Part Number	Rating	Description	Maker
L401	E04059-2R7		Choke Coil	

Capacitors

Item No.	Part Number	Rating		Description	Maker
C401	QEB41HM-105	1μF	50V	L.L.C. Electrolytic	
C403	QCS12HJ-220	22pF	"	Ceramic	
C405	QEB41EM-336	33μF	25V	L.L.C. Electrolytic	
C407	QCS12HJ-151	150pF	50V	Ceramic	
C411	QFM42AK-473	0.047μF	10V	Mylar	
C415	QCS12HJ-120	12pF	50V	Ceramic	
C417	QCS12HJ-3R0	3pF	"	"	
C419	QCS12HJ-330	33pF	"		
C501	QEW41EA-227	220μF	25V	Electrolytic	
C502	QEW41EA-227	"	"	"	
C504	QEW41VA-227	"	35V	"	
C505	QFM41HK-102	1000pF	50V	Mylar	

Resistors

Item No.	Part Number	Rating		Description	Maker
R401	QRD141J-102	1kΩ	1/4W	Carbon	
R403	QRD141J-104	100kΩ	"	"	
R405	QRD141J-683	68kΩ	"	"	
R407	QRD141J-683	"	"	"	
R409	QRD141J-152	1.5kΩ	"	"	
R411	QRD141J-152	"	"	"	
R413	QRD141J-104	100kΩ	"	"	
R415	QRD141J-103	10kΩ	"	"	
R417	QRG129J-272	2.7kΩ	1/2W	Unflamable O.M.	
R419	QRG129J-682	6.8kΩ	"	"	
R421	QRG016J-103	10kΩ	1W	O.M.F.	
R423	QRG129J-272	2.7kΩ	1/2W	Unflamable O.M.	
R425	QRG016J-183	18kΩ	1W	Unflamable O.M.F.	
R427	QRD141J-392	3.9kΩ	1/4W	Carbon	
R429	QRG129J-121	120Ω	1/2W	Unflambale O.M.	
R431	QRG129J-221	220Ω	"	"	
R433	QRD141J-104	100kΩ	1/4W	Carbon	
R435	QRG129J-221	220Ω	1/2W	Unflamable O.M.	
R439	QRD141J-562	5.6kΩ	1/4W	Carbon	
R441	QRD141J-562	"	"	"	
R443	QRG129J-181	180Ω	1/2W	Unflamable O.M.	
R445	QRG129J-181	"	"	"	
R447	QRX129J-100	10Ω	"	"	
R449	QRG129J-221	220Ω	"	"	
R451	QRX129J-100	10Ω	"	Unflamable M.F.	
R453	QRG129J-220	22Ω	"	Unflamable O.M.	
R455	QRG129J-220	"	"	"	
R457	QRM054K-1R0	1Ω	5W	Metal Plate	
R459	QRM054K-1R0	"	"	"	
R461	QRG129J-220	22Ω	1/2W	Unflamable O.M.	
R463	QRG129J-220	"	"	"	
R465	QRM054K-1R0	1Ω	5W	Metal Plate	
R467	QRM054K-1R0	"	"	"	
R469	QRF051K-100	10Ω	"	Cement	

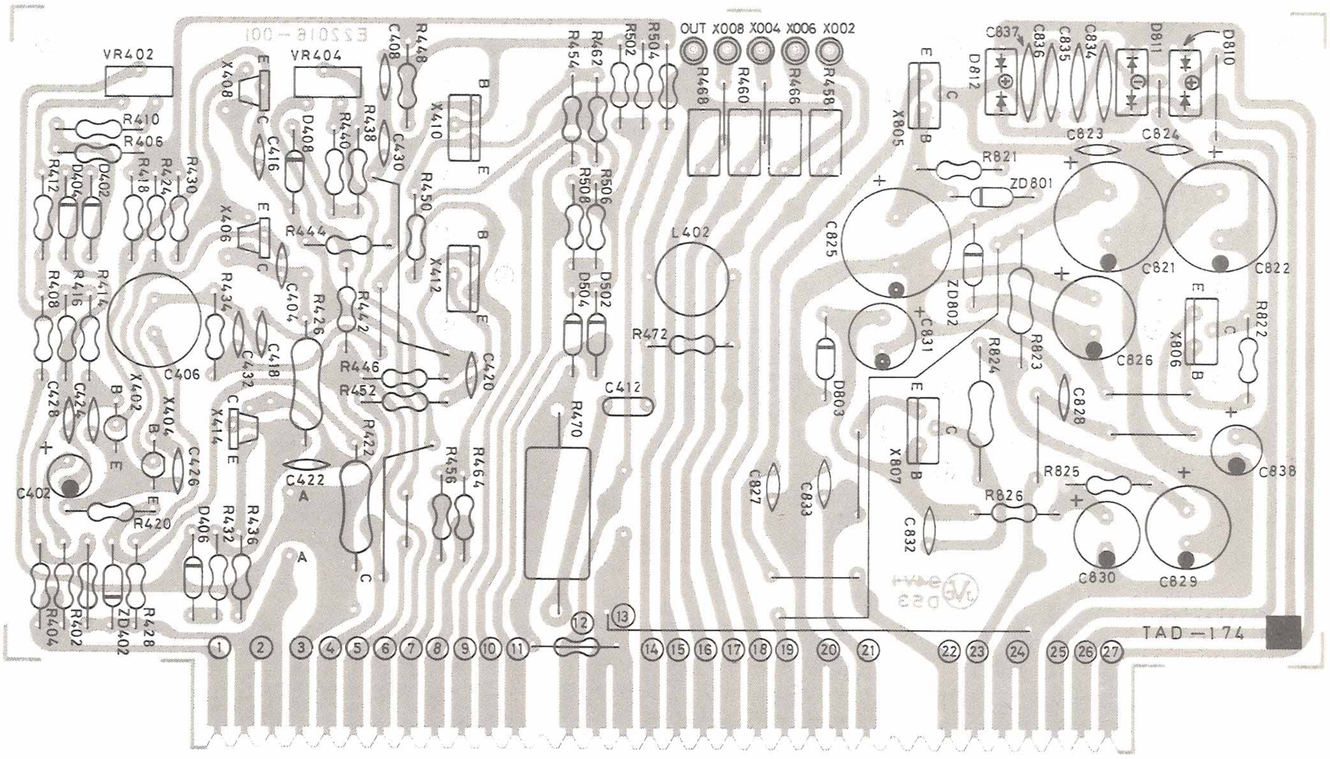
Resistors

Item No.	Part Number	Rating		Description	Maker
R471	QRX126J-4R7	4.7Ω	1/2W	Unflamable M.F.	
R501	QRD141J-272	2.7kΩ	1/4W	Carbon	
R503	QRG126J-122	1.2kΩ	1/2W	O.M.F.	
R505	QRD141J-563	56kΩ	1/4W	Carbon	
R507	QRD141J-562	5.6kΩ	"	"	
R509	QRD141J-333	33kΩ	"	"	
R510	QRD141J-333	"	"	"	
R511	QRD141J-103	10kΩ	"	"	
R512	QRD141J-102	1kΩ	"	"	
R513	QRD141J-103	"	"	"	
R514	QRD141J-471	470Ω	"	"	
R515	QRG126J-102	1kΩ	1/2W	O.M.F.	
R516	QRD141J-473	47kΩ	1/4W	Carbon	
R517	QRD141J-472	4.7kΩ	"	"	
R518	QRD141J-184	180kΩ	"	"	
R519	QRD141J-100	10Ω	"	"	
R520	QRD141J-682	6.8kΩ	1/4W	Carbon	
R522	QRD141J-333	33kΩ	"	"	
R523	QRD141J-562	5.6kΩ	"	"	
R524	QRD141J-561	560Ω	"	"	
R525	QRG027J-470	47Ω	2W	O.M.	
R526	QRD141J-562	5.6kΩ	1/4W	Carbon	
R527	QRD141J-562	"	"	"	
R528	QRD141J-102	1kΩ	"	"	
R529	QRD141J-123	12kΩ	"	"	
R530	QRD141J-472	4.7kΩ	1/2W	"	
VR401	QVP9A0B-102	1kΩ		Variable	
VR403	QVP9A0B-222	2.2kΩ		"	

Others

Item No.	Part Number	Rating	Description	Maker
RY501	ESK1D24-214D		Relay Switch	
	A49479-2		G.T. Pin	
	E03606-001		Male Contact Pin	
	E60171-001		Heat Sink	

9-(10) TAD-174 Driver Amp. C.B. Ass'y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X002
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R460
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D811
D810
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D504
D502
R408
R416
R414
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R442
C418
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R446
R452
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R472
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D803
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R823
C826
X806
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X807
C832
C828
R825
R826
C838
C830
C829
C402
R420
D406
R432
R436
R404
R402
ZD402
R428
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Fig. 40

Transistors

Item No.	Part Number	Rating		Description	Maker
X402	2SC1775AV (F)	300mW	200MHz	Silicon	Hitachi
X404	2SC1775AV (F)	''	''	''	''
X406	2SA818 (O, Y)	1W	120MHz	''	Toshiba
X408	2SA818 (O, Y)	''	''	''	''
X410	2SD381V (L, M)	20W	60MHz	''	NEC
X412	2SB536V (L, M)	''	''	''	''
X414	2SC1628 (O, Y)	1W	40MHz	''	Toshiba
X805	2SD330V (E)	20W	8MHz	''	Sanyo
X806	2SB514V (E)	''	''	''	''
X807	2SD330V (E)	''	''	''	''

Diodes

Item No.	Part Number	Rating	Description	Maker
D402	1S2473F		Silicon	Toyo Dengu
D404	1S2473F		''	''
D406	1S2473F		''	''
D408	1S2473F		''	''
D502	1S2473F		''	''
D504	1S2473F		''	''
D810	ESAB02-02C		''	Kyodo Denki
D811	ESAB02-02N		''	''
D812	ESAB02-02C		''	''
ZD402	E0771-10		Zener	Fuji
ZD801	WZ-210		''	''
ZD802	WZ-210		''	''
ZD803	E0771-12		''	''

Coil

Item No.	Part Number	Rating	Description	Maker
L402	E04059-2R7		Choke Coil	

Capacitors

Item No.	Part Number	Rating		Description	Maker
C402	QEB41HM-105	1μF	50V	L. L. C. Electrolytic	
C404	QCS12HJ-220	22pF	"	Ceramic	
C406	QEB41EM-336	33μF	25V	L. L. C. Electrolytic	
C408	QCS12HJ-151	150pF	50V	Ceramic	
C412	QFM42AK-473	0.047μF	10V	Mylar	
C416	QCS12HJ-120	12pF	50V	Ceramic	
C418	QCS12HJ-3R0	3pF	"	"	
C420	QCS12HJ-330	33pF	"	"	
C821	QEW41HA-477	470μF	"	Electrolytic	
C822	QEW41HA-227	220μF	"	"	
C823	QCF11HP-103	0.01μF	"	Ceramic	
C824	QCF11HP-103	"	"	"	
C825	QEW41EA-477	470μF	25V	Electrolytic	
C826	QEW41EA-227	220μF	"	"	
C827	QCF11HP-103	0.01μF	50V	Ceramic	
C828	QCF11HP-103	"	"	"	
C829	QEW41VA-227	220μF	35V	Electrolytic	
C830	QEW41EA-107	100μF	25V	"	
C831	QEW41CA-227	220μF	16V	"	
C832	QCF11HP-223	0.022μF	50V	Ceramic	
C833	QCF11HP-473	0.047μF	"	"	
C834	QCF12HP-103	0.01μF	"	"	
C835	QCF12HP-103	"	"	"	
C836	QCF12HP-103	"	"	"	
C837	QCF12HP-103	"	"	"	
C838	QEW41HA-106	10μF	"	Electrolytic	

Resistors

Item No.	Part Number	Rating		Description	Maker
R402	QRD141J-102	1kΩ	1/4W	Carbon	
R404	QRD141J-104	100kΩ	"	"	
R406	QRD141J-683	68kΩ	"	"	
R408	QRD141J-683	"	"	"	
R410	QRD141J-152	1.5kΩ	"	"	
R412	QRD141J-152	"	"	"	
R414	QRD141J-104	100kΩ	"	"	
R416	QRD141J-103	10kΩ	"	"	
R418	QRG129J-272	2.7kΩ	1/2W	Unflamable O.M.	
R420	QRG129J-682	6.8kΩ	"	"	
R422	QRG016J-103	10kΩ	1W	O.M.F.	
R424	QRG129J-272	2.7kΩ	1/2W	Unflamable O.M.	
R426	QRG016J-183	18kΩ	1W	Unflamable O.M.F.	
R428	QRD141J-392	3.9kΩ	1/4W	Carbon	
R430	QRG129J-121	120Ω	1/2W	Unflamable O.M.	
R432	QRG129J-221	220Ω	"	"	
R434	QRD141J-104	100kΩ	1/4W	Carbon	
R436	QRG129J-221	220Ω	1/2W	Unflamable O.M.	
R440	QRD141J-562	5.6kΩ	1/4W	Carbon	
R442	QRD141J-562	"	"	"	

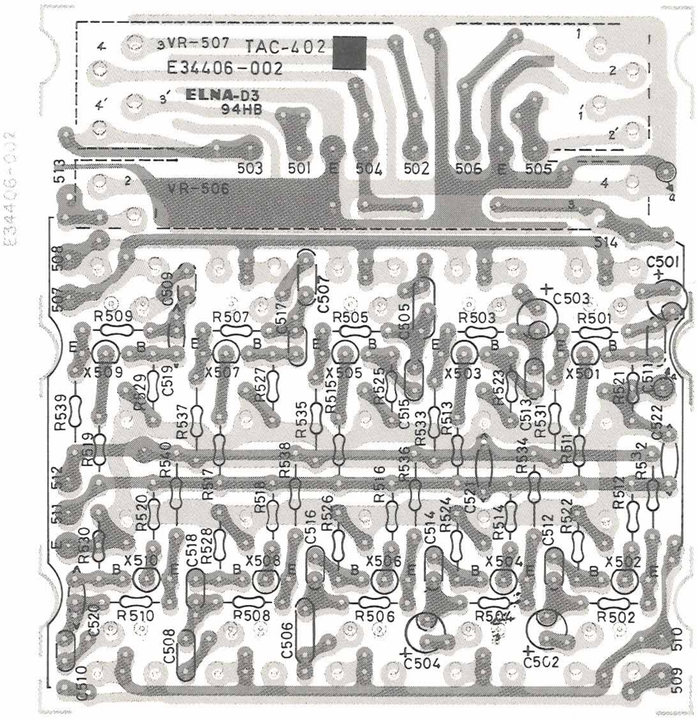
Resistors

Item No.	Part Number	Rating		Description	Maker
R444	QRG129J-181	180Ω	1/2W	Unflamable O.M.	
R446	QRG129J-181	〃	〃	〃	
R448	QRX129J-100	10Ω	〃	Unflamable M.F.	
R450	QRG129J-221	220Ω	〃	Unflamable O.M.	
R452	QRX129J-100	10Ω	〃	Unflamable M.F.	
R454	QRG129J-220	22Ω	〃	Unflamable O.M.	
R456	QRG129J-220	〃	〃	〃	
R458	QRM054K-1R0	1Ω	5W	Metal Plate	
R460	QRM054K-1R0	〃	〃	〃	
R462	QRG129J-220	22Ω	1/2W	Unflamable O.M.	
R464	QRG129J-220	〃	〃	〃	
R466	QRM054K-1R0	1Ω	5W	Metal Plate	
R468	QRM054K-1R0	〃	〃	〃	
R470	QRF051K-100	10Ω	〃	Cement	
R472	QRX126J-4R7	4.7Ω	1/2W	Unflamable Metal	
R502	QRD141J-272	2.7kΩ	1/4W	Carbon	
R504	QRG126J-122	1.2kΩ	1/2W	O.M.F.	
R506	QRD141J-562	5.6kΩ	1/4W	Carbon	
R508	QRD141J-563	56kΩ	〃	〃	
R821	QRG129J-472	4.7kΩ	1/2W	Unflamable O.M.	
R822	QRG129J-472	〃	〃	〃	
R823	QRG027J-330	33Ω	2W	〃	
R824	QRG027J-330	〃	〃	〃	
R825	QRG129J-152	1.5kΩ	1/2W	〃	
R826	QRG129J-102	1kΩ	〃	〃	
VR402	QVP9A0B-102	〃		Variable	
VR404	QVP9A0B-222	2.2kΩ		〃	

Others

Item No.	Part Number	Rating	Description	Maker
	E60980-001		Shield Plate	
	A49479-2		G.T. Pin	
	E03606-001		Hole Contact Pin	
	E60171-001		Heat Sink	

9-(11) TAC-402B
S.E.A.(Sound Effect Amp.) Volume C.B. Ass'y



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ELNA-D3
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E34406-002

Fig. 41

Transistors

Item No.	Part Number	Rating		Description	Maker
X501	2SC1775AV (F)	300mW	200MHz	Silicon	Hitachi
X502	2SC1775AV (F)	"	"	"	"
X503	2SC1775AV (F)	"	"	"	"
X504	2SC1775AV (F)	"	"	"	"
X505	2SC1775AV (F)	"	"	"	"
X506	2SC1775AV (F)	"	"	"	"
X507	2SC1775AV (F)	"	"	"	"
X508	2SC1775AV (F)	"	"	"	"
X509	2SC1775AV (F)	"	"	"	"
X510	2SC1775AV (F)	"	"	"	"

Capacitors

Item No.	Part Number	Rating		Description	Maker
C501	QEB41EM-475	4.7µF	25V	L. L. C. Electrolytic	
C502	QEB41EM-475	"	"	"	
C503	QEB41HM-474	0.47µF	50V	"	
C504	QEB41HM-474	"	"	"	
C505	QFM41HK-124	0.12µF	"	Mylar	
C506	QFM41HK-124	"	"	"	
C507	QFM41HK-273	0.027µF	"	"	
C508	QFM41HK-273	"	"	"	
C509	QFM41HK-562	5600pF	"	"	
C510	QFM41HK-562	"	"	"	
C511	QFM41HK-223	0.022µF	"	"	
C512	QFM41HK-223	"	"	"	
C513	QFM41HK-822	8200pF	"	"	
C514	QFM41HK-822	"	"	"	
C515	QFM41HK-332	3300pF	"	"	
C516	QFM41HK-332	"	"	"	
C517	QFM41HK-102	1000pF	"	"	
C518	QFM41HK-102	"	"	"	
C519	QCS11HJ-681	680µF	"	Ceramic	
C520	QCS11HJ-681	"	"	"	
C521	QCF11HP-473	0.047µF	"	"	
C522	QCF11HP-473	"	"	"	

Resistors

Item No.	Part Number	Rating		Description	Maker
R501	QRD181J-122	1.2kΩ	1/8W	Carbon	
R502	QRD181J-122	″	″	″	
R503	QRD181J-122	″	″	″	
R504	QRD181J-122	″	″	″	
R505	QRD181J-122	″	″	″	
R506	QRD181J-122	″	″	″	
R507	QRD181J-122	″	″	″	
R508	QRD181J-122	″	″	″	
R509	QRD181J-122	″	″	″	
R510	QRD181J-122	″	″	″	
R511	QRD181J-391	390Ω	″	″	
R512	QRD181J-391	″	″	″	
R513	QRD181J-391	″	″	″	
R514	QRD181J-391	″	″	″	
R515	QRD181J-391	″	″	″	
R516	QRD181J-391	″	″	″	
R517	QRD181J-391	″	″	″	
R518	QRD181J-391	″	″	″	
R519	QRD181J-391	″	″	″	
R520	QRD181J-391	″	″	″	
R521	QRD181J-134	130kΩ	1/8W	Carbon	
R522	QRD181J-134	″	″	″	
R523	QRD181J-913	91kΩ	″	″	
R524	QRD181J-913	″	″	″	
R525	QRD181J-513	51kΩ	″	″	
R526	QRD181J-513	″	″	″	
R527	QRD181J-333	33kΩ	″	″	
R528	QRD181J-333	″	″	″	
R529	QRD181J-243	24kΩ	″	″	
R530	QRD181J-243	″	″	″	
R531	QRD141J-682	6.8kΩ	1/4W	″	
R532	QRD141J-682	″	″	″	
R533	QRD141J-682	″	″	″	
R534	QRD141J-682	″	″	″	
R535	QRD141J-682	″	″	″	
R536	QRD141J-682	″	″	″	
R537	QRD141J-682	″	″	″	
R538	QRD141J-682	″	″	″	
R539	QRD141J-682	″	″	″	
R540	QRD141J-682	″	″	″	
VR501	QVZ5010-002			Slide Volume	Alps
VR502	QVZ5010-002			″	″
VR503	QVZ5010-002			″	″
VR504	QVZ5010-002			″	″
VR505	QVZ5010-002			″	″
VR506	QVT6C2W-6F5			″	″
VR507	QVT9C2B-5G5E			Slide Variable	″

Others

Item No.	Part Number	Rating	Description	Maker
	E34421-001		S.E.A. Bracket	
	E60865-001		Felt Spacer	

9-(12) TAC-405
FM Noise Reduction C.B. Ass'y

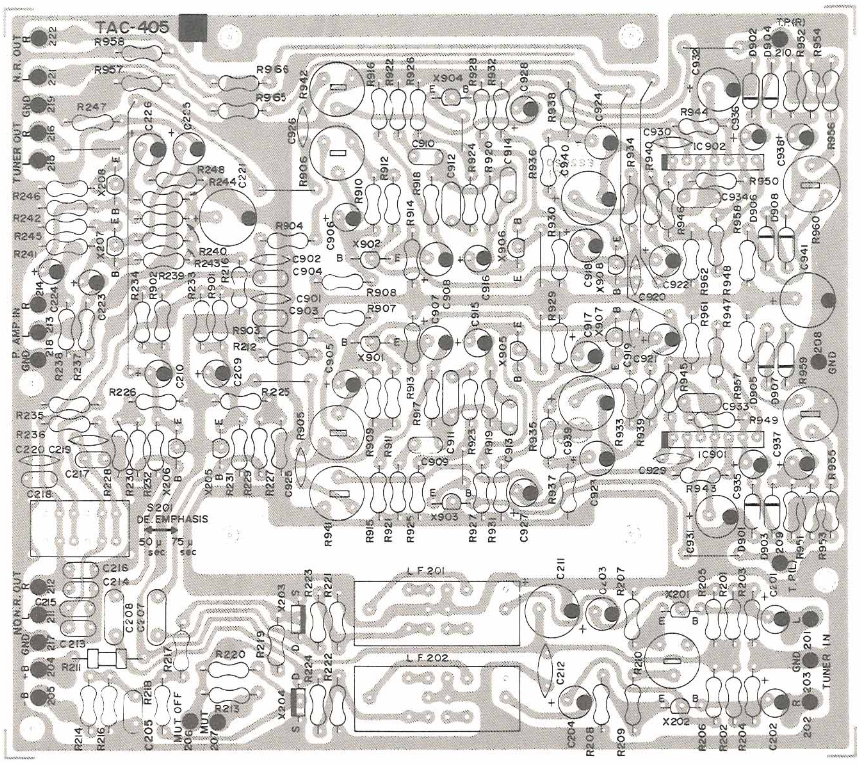

TAC-405
N.R. OUT
TUNER OUT
GND
P. AMP IN
NON N.R. OUT
TUNER IN
S201
DE-EMPHASIS
50μ sec
75μ sec
MUT OFF
MUT
IC901
IC902
LF201
LF202
TP(R)
T.P(L)

Fig. 42

Transistors

Item No.	Part Number	Rating		Description	Maker
		Pc	fT		
X201	2SC1775AV (F)	300mW	200MHz	Silicon	Hitachi
X202	2SC1775AV (F)	"	"	"	"
X203	2SK40C	IDSS:3mA, NF:5dB (f=120Hz)		F.E.T.	"
X204	2SK40C	"		"	"
X205	2SC1775AV (F)	300mW	200MHz	Silicon	"
X206	2SC1775AV (F)	"	"	"	"
X207	2SC1775AV (F)	"	"	"	"
X208	2SC1775AV (F)	"	"	"	"
X901	2SA872AV (D)	"	"	"	"
X902	2SA872AV (D)	"	"	"	"
X903	2SD599 (F)	350mW	180MHz	"	Sanyo
X904	2SD599 (F)	"	"	"	"
X905	2SC1775AV (F)	300mW	200MHz	"	Hitachi
X906	2SC1775AV (F)	"	"	"	"
X907	2SC1775AV (F)	"	"	"	"
X908	2SC1775AV (F)	"	"	"	"

Integrated Circuits

Item No.	Part Number	Rating	Description	Maker
IC901	TA7122P		Integrated Circuits	Toshiba
IC902	TA7122P		"	"

Diodes

Item No.	Part Number	Rating	Description	Maker
D901	1S188FM		Germanium	Sanyo
D902	1S188FM		"	"
D903	1S188FM		"	"
D904	1S188FM		"	"
D905	1S2473		Silicon	Toyo Dengu
D906	1S2473		"	"
D907	1S2473		"	"
D908	1S2473		"	"

Filters

Item No.	Part Number	Rating	Description	Maker
LF201	E03427		Low Pass Filter	
LF202	E03427		″	

Capacitors

Item No.	Part Number	Rating		Description	Maker
C201	QEW41EA-475	4.7μF	25V	Electrolytic	
C202	QEW41EA-475	″	″	″	
C203	QEW41EA-106	10μF	″	″	
C204	QEW41EA-106	″	″	″	
C205	QFM41HK-223	0.022μF	50V	Mylar	
C207	QFM41HK-104	0.1μF	″	″	
C208	QFM41JK-104	″	″	″	
C209	QEW41CA-106	10μF	16V	Electrolytic	
C210	QEW41CA-106	″	″	″	
C211	QEW41EA-107	100μF	25V	″	
C212	QCF11HP-473	0.047μF	50V	Ceramic	
C213	QFM41HJ-102	1000pF	50V	Mylar	
C214	QFM41HJ-102	″	″	″	
C215	QFM41HJ-472	4700pF	″	″	
C216	QFM41HJ-472	″	″	″	
C217	QFM41HJ-222	2200pF	″	″	
C218	QFM41HJ-222	2200pF	50V	Mylar	
C219	QCS11HJ-391	390pF	″	Ceramic	
C220	QCS11HJ-391	″	″	″	
C221	QEW41EA-107	100μF	25V	Electrolytic	
C223	QEW41CA-106	10μF	16V	″	
C224	QEW41CA-106	″	″	″	
C225	QEW41EA-475	4.7μF	25V	″	
C226	QEW41EA-475	″	″	″	
C901	QCS11HJ-221	220pF	50V	Ceramic	
C902	QCS11HJ-221	″	″	″	
C903	QFM41HJ-182	1800pF	″	Mylar	
C904	QFM41HJ-182	″	″	″	
C905	QEW41HA-105	1μF	″	Electrolytic	
C906	QEW41HA-105	″	″	″	
C907	QEW41EA-106	10μF	25V	″	
C908	QEW41EA-106	″	″	″	
C909	QFM41HJ-183	0.018μF	50V	Mylar	
C910	QFM41HJ-183	″	″	″	
C911	QFM41HJ-104	0.1μF	″	″	
C912	QFM41HJ-104	″	″	″	
C913	QFM41HJ-223	0.022μF	″	″	
C914	QFM41HJ-223	″	″	″	
C915	QEW41CA-106	10μF	16V	Electrolytic	
C916	QEW41CA-106	″	″	″	
C917	QEW41EA-106	″	25V	″	
C918	QEW41EA-106	″	″	″	
C919	QCS11HJ-270	27pF	50V	Ceramic	
C920	QCS11HJ-270	″	″	″	
C921	QEW41HA-225	2.2μF	″	Electrolytic	
C922	QEW41HA-225	″	″	″	
C923	QEW41CA-106	10μF	16V	″	
C924	QEW41CA-106	″	″	″	
C925	QCS11HJ-271	270pF	50V	Ceramic	
C926	QCS11HJ-271	″	″	″	

Capacitors

Item No.	Part Number	Rating		Description	Maker
C927	QEW41CA-106	10μF	16V	Electrolytic	
C928	QEW41CA-106	″	″	″	
C929	QCS11HJ-470	47pF	50V	Ceramic	
C930	QCS11HJ-470	″	″	″	
C931	QEW41AA-107	100μF	10V	Electrolytic	
C932	QEW41AA-107	″	″	″	
C933	QFM41HK-333	0.033μF	50V	Mylar	
C934	QFM41HK-333	″	″	″	
C935	QEB41HM-474	0.47μF	″	L.L.C. Electrolytic	
C936	QEB41HM-474	″	″	″	
C937	QEB41EM-335	3.3μF	25V	″	
C938	QEB41EM-335	″	″	″	
C939	QEW41EA-107	100μF	″	Electrolytic	
C940	QEW41EA-107	″	″	″	
C941	QEW41EA-227	220μF	″	″	

Transistors

Item No.	Part Number	Rating		Description	Maker
R201	QRD181J-154	150kΩ	1/8W	Carbon	
R202	QRD181J-154	″	″	″	
R203	QRD181J-153	15kΩ	″	″	
R204	QRD181J-153	″	″	″	
R205	QRD181J-332	3.3kΩ	″	″	
R206	QRD181J-332	″	″	″	
R207	QRD181J-471	470Ω	″	″	
R208	QRD181J-471	″	″	″	
R209	QRD181J-222	2.2kΩ	″	″	
R210	QVP4AOB-473	47kΩ		Variable	
R211	QRD129J-101	100Ω	1/2W	Unflamable Carbon	
R212	QRD181J-181	180Ω	1/8W	Carbon	
R213	QRD181J-103	10kΩ	″	″	
R214	QRD181J-474	47kΩ	″	″	
R216	QRD181J-101	100Ω	″	″	
R217	QRD181J-184	180kΩ	″	″	
R218	QRD181J-184	″	″	″	
R219	QRD181J-224	220kΩ	″	″	
R220	QRD181J-224	″	″	″	
R221	QRD181J-332	3.3kΩ	″	″	
R222	QRD181J-332	″	″	″	
R223	QRD181J-393	39kΩ	″	″	
R224	QRD181J-393	″	″	″	
R225	QRD181J-563	56kΩ	″	″	
R226	QRD181J-563	″	″	″	
R227	QRD181J-273	27kΩ	″	″	
R228	QRD181J-273	″	″	″	
R229	QRD181J-224	220kΩ	″	″	
R230	QRD181J-224	″	″	″	
R231	QRD181J-562	5.6kΩ	″	″	
R232	QRD181J-562	″	″	″	
R233	QRD181J-223	22kΩ	″	″	
R234	QRD181J-223	″	″	″	
R235	QRD181J-224	220kΩ	″	″	
R236	QRD181J-224	″	″	″	
R237	QRD181J-224	″	″	″	
R238	QRD181J-224	″	″	″	

Transistors

Item No.	Part Number	Rating		Description	Maker
R239	QRD181J-154	150kΩ	"	"	
R240	QRD181J-154	"	"	"	
R241	QRD181J-183	18kΩ	"	"	
R242	QRD181J-183	"	"	"	
R243	QRD181J-392	3.9kΩ	"	"	
R244	QRD181J-392	"	"	"	
R245	QRD181J-681	680Ω	"	"	
R246	QRD181J-681	"	"	"	
R247	QRD181J-224	220kΩ	"	"	
R248	QRD181J-224	"	"	"	
R901	QRD181J-183	18kΩ	"	"	
R902	QRD181J-183	"	"	"	
R903	QRD181J-223	22kΩ	"	"	
R904	QRD181J-223	"	"	"	
R905	QVP4AOB-103	10kΩ		Variable	
R906	QVP4AOB-103	"		"	
R907	QRD181J-274	270kΩ	1/8W	Carbon	
R908	QRD181J-274	"	"	"	
R909	QRD181J-564	560kΩ	"	"	
R910	QRD181J-564	"	"	"	
R911	QRD181J-473	47kΩ	"	"	
R912	QRD181J-473	"	"	"	
R913	QRD181J-473	"	"	"	
R914	QRD181J-473	"	"	"	
R915	QRD181J-473	"	"	"	
R916	QRD181J-473	47kΩ	1/8W	Carbon	
R917	QRD181J-153	15kΩ	"	"	
R918	QRD181J-153	"	"	"	
R919	QRD181J-274	270kΩ	"	"	
R920	QRD181J-274	"	"	"	
R921	QRD181J-181	180Ω	"	"	
R922	QRD181J-181	"	"	"	
R923	QRD181J-100	10Ω	"	"	
R924	QRD181J-100	"	"	"	
R925	QRD181J-562	5.6kΩ	"	"	
R926	QRD181J-562	"	"	"	
R927	QRD181J-472	4.7kΩ	"	"	
R928	QRD181J-472	"	"	"	
R929	QRD181J-274	270kΩ	"	"	
R930	QRD181J-274	"	"	"	
R931	QRD181J-104	100kΩ	"	"	
R932	QRD181J-104	"	"	"	
R933	QRD181J-103	10kΩ	"	"	
R934	QRD181J-103	"	"	"	
R935	QRD181J-331	330Ω	"	"	
R936	QRD181J-331	"	"	"	
R937	QRD181J-472	4.7kΩ	"	"	
R938	QRD181J-472	"	"	"	
R939	QRD181J-103	10kΩ	"	"	
R940	QRD181J-103	"	"	"	

Transistors

Item No.	Part Number	Rating		Description	Maker
R941	QVP4A0B-103	"		Variable	
R942	QVP4AOB-103	"		"	
R943	QRD181J-104	100kΩ	1/8W	Carbon	
R944	QRD181J-104	"	"	"	
R945	QRD181J-684	680kΩ	"	"	
R946	QRD181J-684	"	"	"	
R947	QRD181J-682	6.8kΩ	"	"	
R948	QRD181J-682	"	"	"	
R949	QRD181J-474	470kΩ	"	"	
R950	QRD181J-474	"	"	"	
R951	QRD181J-223	22kΩ	"	"	
R952	QRD181J-223	"	"	"	
R953	QRD181J-473	47kΩ	"	"	
R954	QRD181J-473	"	"	"	
R955	QRD181J-473	"	"	"	
R956	QRD181J-473	"	"	"	
R957	QRD181J-822	8.2kΩ	"	"	
R958	QRD181J-822	"	"	"	
R959	QVP4AOB-102	1kΩ		Variable	
R960	AVP4AOB-102	"		"	
R961	QRD181J-101	100Ω	1/8W	Carbon	
R962	QRD181J-101	"	"	"	

Other

Item No.	Part Number	Rating	Description	
S201	QSS4201-021		Slide Switch	

9-(13) TAC-406 S.E.A.(Sound Effect Amp.) Amp. C.B. Ass'y

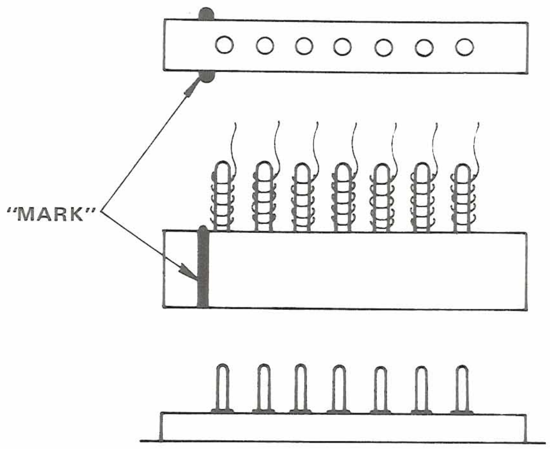
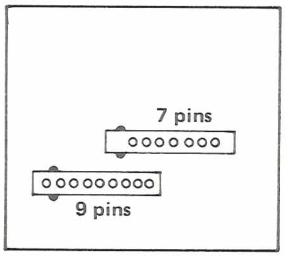


Fig. 43-A

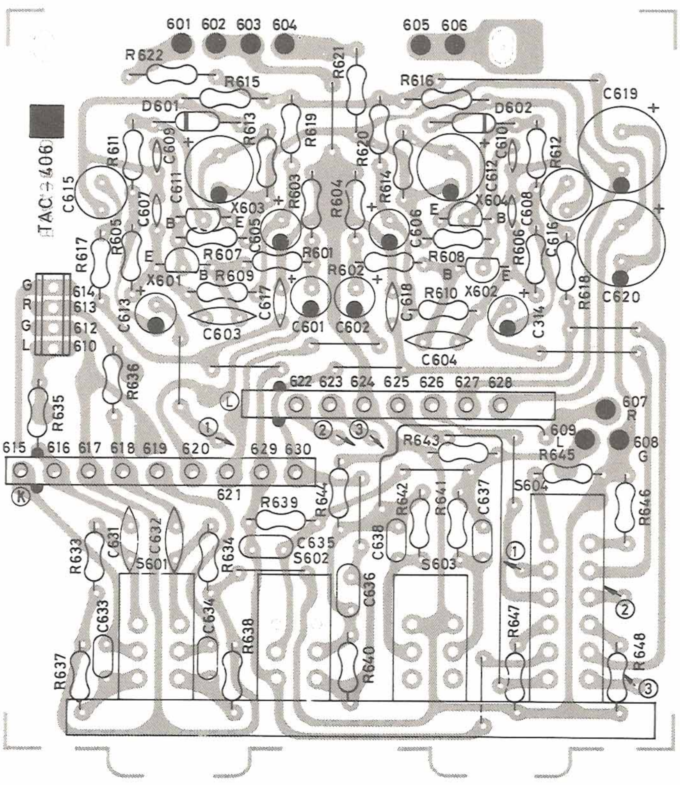
Precaution

Reconnect the female plug to a proper position as indicated "MARK". Refer to Fig. 43-B.


7 pins
9 pins

Top View of TAC-406

Fig. 43-B


TAC-406
601 602 603 604
605 606
R622
R615
R621
R616
C619
D601
D602
R611
C609
R613
R619
R620
C610
R612
C615
C611
C607
R603
R604
R614
C612
C608
X603
X604
R605
C605
C606
R606
C616
R617
R607
R601
R608
R609
R602
X601
X602
R610
R618
C620
G
R
G
L
614
613
612
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C613
C617
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C314
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608
G
615 616 617 618 619 620
629 630
R643
R645
S604
621
R639
R644
R642
R641
C637
R646
R633
C631
C632
S601
R634
C635
S602
C638
S603
C636
C633
C634
R638
R640
R647
R648
R637

Fig. 44

Transistors

Item No.	Part Number	Rating		Description	Maker
X601	2SA872AV (E)	300mW	200MHz	Silicon	Hitachi
X602	2SA872AV (E)	"	"	"	"
X603	2SC1775AV (F)	"	"	"	"
X604	2SC1775AV (F)	"	"	"	"

Diodes

Item No.	Part Number	Rating	Description	Maker
D601	1S2473		Silicon	Toyo Dengu
D602	1S2473		"	"

Capacitors

Item No.	Part Number	Rating		Description	Maker
C601	QEB41EM-475	4.7μF	25V	L.L.C. Electrolytic	
C602	QEB41EM-475	″	″″	″	
C603	QCS11HJ-391	390pF	50V	Ceramic	
C604	QCS11HJ-391	″	″	″	
C605	QEW41AA-476	47μF	10V	Electrolytic	
C606	QEW41AA-476	″	″	″	
C607	QCS11HJ-270	27pF	50V	Ceramic	
C608	QCS11HJ-270	″	″	″	
C609	QCS11HJ-3R0	3pF	″	″	
C610	QCS11HJ-3R0	″	″	″	
C611	QEW41AA-107	100μF	10V	Electrolytic	
C612	QEW41AA-107	″	″	″	
C613	QEW41AA-476	47μF	″	″	
C614	QEW41AA-476	″	″	″	
C615	QZ0046-475	4.7MF	50V	N.P. Electrolytic	
C616	QZ0046-475	4.7MP	″	″	
C617	QCS11HJ-181	180pF	″	Ceramic	
C618	QCS11HJ-181	″	″	″	
C619	QEW41EA-227	220μF	25V	Electrolytic	
C620	QEW41EA-227	″	″	″	
C631	QCS11HJ-271	270pF	50V	Ceramic	
C632	QCS11HJ-271	″	″	″	
C633	QFM41HK-273	0.027μF	″	Mylar	
C634	QFM41HK-273	″	″	″	
C635	QFM41HK-563	0.056μF	″	″	
C636	QFM41HK-563	″	″	″	
C637	QFM41HK-103	0.01μF	″	″	
C638	QFM41HK-103	″	″	″	

Resistors

Item No.	Part Number	Rating		Description	Maker
R601	QRD181J-102	1kΩ	1/8W	Carbon	
R602	QRD181J-102	″	″	″	
R603	QRD181J-184	180kΩ	″	″	
R604	QRD181J-184	″	″	″	
R605	QRD181J-682	6.8kΩ	″	″	
R606	QRD181J-682	″	″	″	
R607	QRD181J-823	82kΩ	″	″	
R608	QRD181J-823	″	″	″	
R609	QRD181J-222	2.2kΩ	″	″	
R610	QRD181J-222	″	″	″	
R611	QRD181J-103	10kΩ	″	″	
R612	QRD181J-103	″	″	″	
R613	QRD181J-102	1kΩ	″	″	
R614	QRD181J-102	″	″	″	

Resistors

Item No.	Part Number	Rating		Description	Maker
R615	QRD141J-562	5.6kΩ	1/4W	Carbon	
R616	QRD141J-562	"	"	"	
R617	QRD181J-682	6.8kΩ	1/8W	"	
R618	QRD181J-682	"	"	"	
R619	QRD181J-104	100kΩ	"	"	
R620	QRD181J-104	"	"	"	
R621	QRX129J-100	10Ω	1/2W	Unflamable M.F.	
R622	QRX129J-100	"	"	"	
R633	QRD181J-564	560kΩ	1/8W	Carbon	
R634	QRD181J-564	"	"	"	
R635	QRD181J-332	3.3kΩ	"	"	
R636	QRD181J-332	"	"	"	
R637	QRD181J-153	15kΩ	"	"	
R638	QRD181J-153	"	"	"	
R639	QRD181J-224	220kΩ	"	"	
R640	QRD181J-224	"	"	"	
R641	QRD181J-224	"	"	"	
R642	QRD181J-224	"	"	"	
R643	QRD181J-273	27kΩ	"	"	
R644	QRD181J-273	"	"	"	
R645	QRD181J-273	"	"	"	
R646	QRD181J-273	"	"	"	
R647	QRD181J-273	"	"	"	
R648	QRD181J-273	"	"	"	

Others

Item No.	Part Number	Rating	Description	Maker
	E03628-7		7 Pins Plug	
	E03628-9		9 Pins Plug	
	E49545-001		Pin	
	E49766-002		4 Pins Socket	
	QSP0249-103		Push Switch	

9-(14) TAC-407 Selector C.B. Ass'y

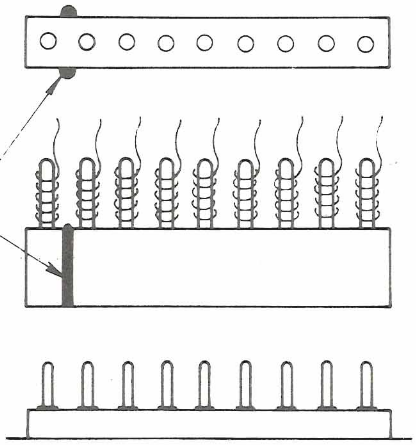
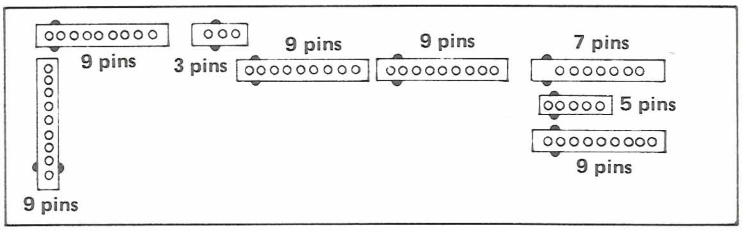


Fig. 45-A

Precaution
Reconnect the female plug to a proper position as indicated "MARK". Refer to Fig. 45-B.


9 pins
3 pins
9 pins
9 pins
7 pins
5 pins
9 pins
9 pins

Top View of TAC-407

Fig. 45-B

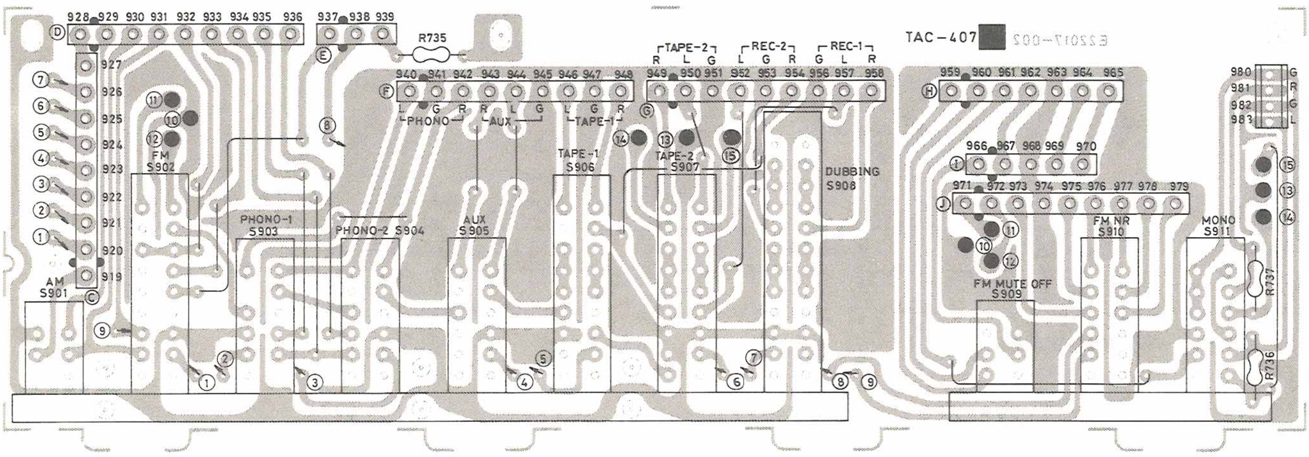

928 929 930 931 932 933 934 935 936
937 938 939
R735
TAC-407
TAPE-2 R L G
REC-2 L G R
REC-1 G L R
940 941 942 943 944 945 946 947 948
949 950 951 952 953 954 955 956 957 958
959 960 961 962 963 964 965
980 981 982 983
G R G L
L G R R L G L G R
PHONO AUX TAPE-1
927 926 925 924 923 922 921 920 919
FM S902
AM S901
PHONO-1 S903
PHONO-2 S904
AUX S905
TAPE-1 S906
TAPE-2 S907
DUBBING S908
966 967 968 969 970
971 972 973 974 975 976 977 978 979
FM NR S910
MONO S911
FM MUTE OFF S909
R737
R736

Fig. 46

Resistors

Item No.	Part Number	Rating		Description
R735	QRD126J-221	220Ω	1/2W	Unflamable Carbon
R736	QRD141J-562	5.6kΩ	1/4W	Carbon
R737	QRD141J-562	〃	〃	〃

Others

Item No.	Part Number	Rating	Description
	E03628-5		5 Pins Plug
	E03628-7		7 Pins Plug
	E03628-9		9 Pins Plug
	E03628-3		3 Pins Plug
	E33754-001		Tie Band
	E49545-001		Pin
	E49766-002		4 Pins Socket
S909~911	QSP0239-102		Push Switch (Mono, FM-NR & Mute. Off)
S901~908	QSP0289-105		Push Switch (Tape 1&2, Dubbing, AM, FM, Phono 1&2 & Aux)

9-(15) TAC-408 Speaker C.B. Ass'y

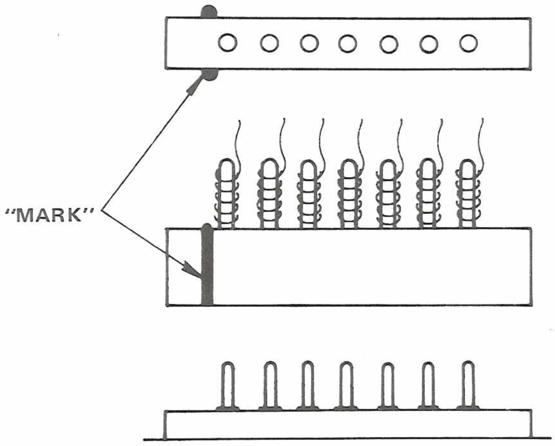
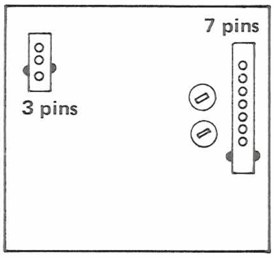


Fig. 47-A

Precaution
Reconnect the female plug to a proper position as indicated "MARK". Refer to Fig. 47-B.


7 pins
3 pins

Top View of TAC-408

Fig. 47-B

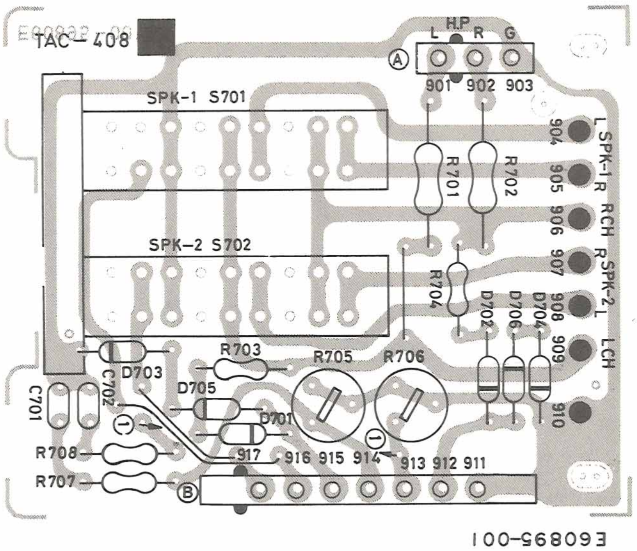

TAC-408
H.P
L
R
G
Ⓐ
901
902
903
SPK-1 S701
SPK-2 S702
R701
R702
R703
R704
R705
R706
R707
R708
D701
D702
D703
D704
D705
D706
C701
C702
904
905
906
907
908
909
910
L SPK-1 R
RCH
R SPK-2 L
LCH
917
916
915
914
913
912
911
Ⓑ
E60895-001

Fig. 48

Diodes

Item No.	Part Number	Rating	Description	Maker
D701	1S188FM		Germanium	
D702	1S188FM		"	
D703	1S188FM		"	
D704	1S188FM		"	
D705	1S188FM		"	
D706	1S188FM		"	

Capacitors

Item No.	Part Number	Rating		Description	Maker
C701	QFM41HK-223	0.022μF	50V	Mylar	
C702	QFM41HK-223	"	"	"	

Resistors

Item No.	Part Number	Rating		Description	Maker
R701	QRG021J-331	330Ω	2W	Oxide Metal	
R702	QRG021J-331	"	"	"	

Others

Item No.	Part Number	Fating	Description	Maker
	E03628-3		3 Pins Plug	
	E03628-7		7 Pins Plug	
	QSP0229-003		Push Switch	

9-(16) TFM-910GUA2 FM/AM Tuner C.B. Ass'y

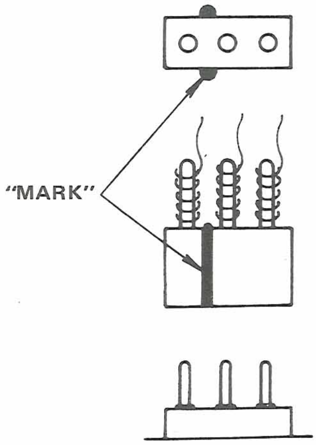


Fig. 49-A

Precaution
Reconnect the female plug to a proper position as indicated "MARK". Refer to Fig. 49-B.

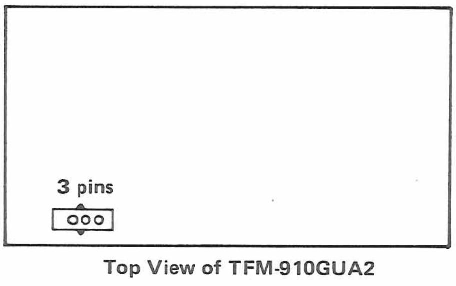


Fig. 49-B

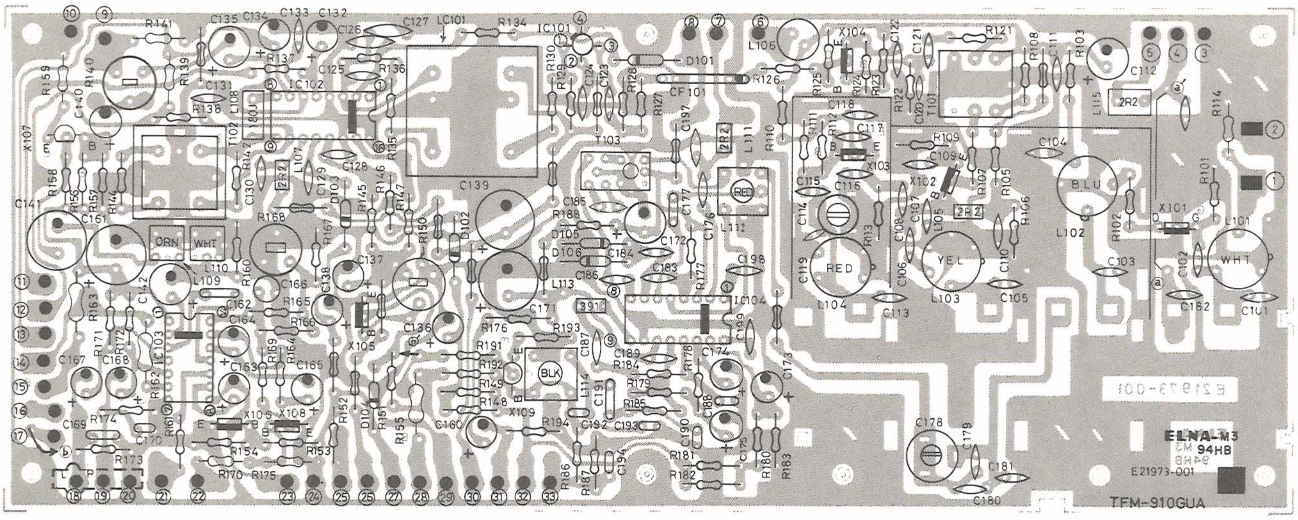


Fig. 50

Transistors

Item No.	Part Number	Rating		Description	Maker
		pc	fT		
X101	2SK55D	IDSS: 14mA, NF: 3.5dB (f=100MHz)		F.E.T.	Hitachi
X102	2SC535 (C)	100mW	700MHz	Silicon	〃
X103	2SC1342 (B)	〃	250MHz	〃	〃
X104	2SC535 (B)	100mW	700MHz	〃	〃
X105	2SC458 (C)	200mW	230MHz	〃	〃
X106	2SC458 (C)	〃	〃	〃	〃
X107	2SC1775AV (F)	300mW	200MHz	〃	〃
X108	2SC458 (C)	200mW	230MHz	〃	〃
X109	2SC1775AV (F)	300mW	200MHz	〃	〃

Integrated Circuits

Item No.	Part Number	Rating	Description	Maker
IC101	LA1221		I.C.	Hitachi
IC102	HA1137W	550mW	〃	〃
IC103	HA1156W	400mW	〃	〃
IC104	HA1197W		〃	〃

Filters

Item No.	Part Number	Rating	Description	Maker
CF101	E03609-002R		Ceramic Filter	
LC101	E03618-001		L.C. Filter	

Diodes

Item No.	Part Number	Rating	Description	Maker
D101	1S2473		Silicon	Toyo Dengu
D102	1S2473		″	″
D103	1S2473		″	″
D104	1S2473		″	″
D105	1S2473		″	″
D106	1S2473		″	″

Coils

Item No.	Part Number	Rating	Description	Maker
L101	E03477-031		RF Coil (White)	
L102	E03477-036		″ (Blue)	
L103	E03477-033		″ (Yellow)	
L104	E03477-034		″ (Red)	
L105	E03522-2R2KY	2.2μH	Choke Coil	
L106	E03566-223		Ferry Inductor	
L107	E03522-2R2KY	2.2μH	Choke Coil	
L108	E03522-180J	18μH	FM Detector Coil	
L109	E03406-002		Trap Filter (Orange)	
L110	E03406-003		″ (White)	
L111	E03522-2R2KY	2.2μH	Choke Coil	
L112	E03079-29		AM OSC Coil (Red)	
L113	E03522-391KY	390μH	Choke Coil	
L114	E03407-005		Multiplex Coil (Black)	
L115	E03522-2R2KY	2.2μH	Choke Coil	
T101	E03134-023		FM I.F. Transformer	
T102	E03134-020B		″	
T103	E03613-003		AM I.F. Transformer	

Capacitors

Item No.	Part Number	Rating		Description	Maker
	QAA2245-001			Variable Tuning	
C101	QCS11HJ-150	15pF	50V	Ceramic	
C102	QCS11HJ-330	33pF	″	″	
C103	QCS11HJ-180	18pF	″	″	
C104	QCF11HP-223A	0.022μF	″	″	
C105	QCS11HJ-180	18pF	″	″	
C106	QCS11HJ-4R0	4pF	″	″	
C107	QCS11HJ-4R0	″	″	″	
C108	QCT05CG-2R0	2pF	″	″	
C109	QCF11HP-223A	0.022μF	″	″	
C110	QCS11HJ-101	100pF	″	″	
C111	QCF11HP-223A	0.022μF	″	″	
C113	QCT05SG-220	22pF	″	″	
C114	QAT3001-014			Trimmer	
C115	QCT05CG-7R0	7pF	″	Ceramic	
C116	QCT05CG-100	10pF	″	″	
C117	QCT05CG-220	22pF	″	″	
C118	QCF11HP-223A	0.022μF	″	″	
C121	QCF11HP-223A	″	″	″	
C122	QCF11HP-223A	″	″	″	

Capacitors

Item No.	Part Number	Rating		Description	Maker
C123	QCF11HP-223A	"	"	"	
C124	QCF11HP-223A	"	"	"	
C125	QCF11HP-223A	"	"	"	
C126	QCZ0107-473	0.047μF	25V	"	
C127	QCZ0107-473	"	"	"	
C128	QCS11HJ-151	150pF	50V	"	
C129	QCF11HP-223A	0.022μF	"	"	
C130	QCF11HP-223A	"	"	"	
C131	QCF11HP-223A	"	"	"	
C132	QEB41EM-475	4.7μF	25V	L.L.C. Electrolytic	
C133	QCS11HJ-330	33pF	50V	Ceramic	
C134	QEW41HA-105	1μF	"	Electrolytic	
C135	QEW41CA-226	22μF	16V	"	
C136	QEW41AA-476	47μF	10V	"	
C137	QEW41HA-474	0.47μF	50V	"	
C138	QEW41HA-105	1μF	"	"	
C139	QEW41CA-227	220μF	16V	"	
C140	QEW41CA-226	22μF	"	Electrolytic	
C141	QEW41CA-107	100μF	"	"	
C142	QEB41EM-106	10μF	25V	L.L.C. Electrolytic	
C160	QEB41HM-224	0.22μF	50V	"	
C161	QEW41CA-227	220μF	16V	Electrolytic	
C162	QFM41HK-473	0.047μF	50V	Mylar	
C163	QEB41HM-105	1μF	"	L.L.C. Electrolytic	
C164	QEB41HM-224	0.22μF	"	"	
C165	QEB41EM-106	10μF	25V	"	
C166	QFS42BJ-471	470pF	125V	Polystyrene	
C167	QEB41HM-105	1μF	50V	L.L.C. Electrolytic	
C168	QEB41HM-105	"	"	"	
C169	QFM41HK-102	1000pF	"	Mylar	
C170	QFM41HK-102	"	"	"	
C171	QEW41CA-227	220μF	16V	Electrolytic	
C172	QEW41CA-476	47μF	"	"	
C173	QEW41AA-476	47μF	10V	"	
C174	QEW41HA-105	1μF	50V	"	
C175	QEW41CA-106	10μF	16V	"	
C176	QCF11HP-223A	0.022μF	50V	Ceramic	
C177	QFM41HK-103	0.01μF	"	Mylar	
C178	QAT3001-006			Trimmer	
C179	QCS11HJ-560	56pF	50V	Ceramic	
C180	QSC11HJ-271	270pF	50V	"	
C181	QCS11HJ-180	18pF	"	"	
C183	QCF11HP-223A	0.022μF	"	"	
C184	QCF11HP-223A	"	"	"	
C185	QCS11HJ-470	47pF	"	"	
C186	QCF11HP-223A	0.022μF	50V	Ceramic	
C187	QCS11HJ-331	330pF	"	"	
C188	QFM41HK-102	1000pF	"	Mylar	
C189	QCF11HP-223A	0.022μF	"	Ceramic	
C190	QFM41HK-222	2200pF	"	Mylar	
C191	QFM41HK-473	0.047μF	"	"	
C192	QFM41HK-103	0.01μF	"	"	
C193	QFM41HK-222	2200pF	"	"	
C195	QCF11HP-223A	0.022μF	"	Ceramic	
C197	QCS11HJ-470	47pF	"	"	
C199	QCZ0107-473	0.047μF	25V	"	

Resistors

Item No.	Part Number	Rating		Description	Maker
R101	QRD181J-105	1MΩ	1/8W	Carbon	
R102	QRD181J-820	82Ω	"	"	
R103	QRD181J-820	"	"	"	
R105	QRD181J-223	22kΩ	"	"	
R106	QRD181J-392	3.9kΩ	"	"	
R107	QRD181J-470	47Ω	"	"	
R108	QRD181J-123	12kΩ	"	"	
R109	QRD181J-102	1kΩ	"	"	
R110	QRD181J-331	330Ω	"	"	
R111	QRD181J-123	12kΩ	"	"	
R112	QRD181J-822	8.2kΩ	"	"	
R113	QRD181J-152	1.5kΩ	"	"	
R114	QRD181J-682	6.8kΩ	"	"	
R121	QRD181J-181	180Ω	"	"	
R122	QRD181J-332	3.3kΩ	"	"	
R123	QRD181J-562	5.6kΩ	"	"	
R124	QRD181J-102	1kΩ	"	"	
R125	QRD181J-271	270Ω	"	"	
R126	QRD181J-221	220Ω	"	"	
R127	QRD181J-181	180Ω	"	"	
R128	QRD181J-331	330Ω	"	"	
R129	QRD181J-102	1kΩ	"	"	
R130	QRD181J-221	220Ω	"	"	
R134	QRD181J-334	330kΩ	"	"	
R135	QRD181J-271	270Ω	"	"	
R136	QRD181J-391	390Ω	"	"	
R137	QRD181J-123	12kΩ	"	"	
R138	QRD181J-822	8.2kΩ	"	"	
R139	QRD181J-271	270Ω	"	"	
R140	QVP4AOB-223	22kΩ		Variable	
R141	QRD181J-473	47kΩ	1/8W	Ceramic	
R142	QRD181J-562	5.6kΩ	"	"	
R145	QRD181J-332	3.3kΩ	"	Carbon	
R146	QRD181J-822	8.2kΩ	"	"	
R147	QRD181J-683	68kΩ	"	"	
R148	QRD181J-222	2.2kΩ	"	"	
R149	QRD181J-682	6.8kΩ	"	"	
R150	QVP4AOB-473	47kΩ		Variable	
R151	QRD181J-223	22kΩ	1/8W	Carbon	
R152	QRD181J-223	"	"	"	
R153	QRD181J-563	56kΩ	"	"	
R154	QRD181J-563	"	"	"	
R155	QRD126J-100	10Ω	1/2W	Unflamable Carbon	
R156	QRD181J-823	82kΩ	1/8W	Carbon	
R157	QRD181J-273	27kΩ	"	"	
R158	QRD181J-222	2.2kΩ	"	"	
R159	QRD181J-681	680Ω	"	"	
R160	QRD181J-272	2.7kΩ	"	"	

Resistors

Item No.	Part Number	Rating		Description	Maker
R161	QRD181J-105	1MΩ	1/8W	Carbon	
R162	QRD126J-181	180Ω	1/2W	Unflamable Carbon	
R163	QRD126J-101	100Ω	"	"	
R164	QRD181J-102	1kΩ	1/8W	Carbon	
R165	QRD181J-183	18kΩ	"	"	
R166	QRD181J-394	390kΩ	"	"	
R167	QRD181J-153	15kΩ	"	"	
R168	QVP4AOB-472	4.7kΩ		Variable	
R169	QRD181J-392	3.9kΩ	1/8W	Carbon	
R170	QRD181J-103	10kΩ	"	"	
R171	QRD181J-392	3.9kΩ	"	"	
R172	QRD181J-392	"	"	"	
R173	QRD181J-563	56kΩ	"	"	
R174	QRD181J-563	"	"	"	
R175	QRD181J-392	3.9kΩ	"	"	
R176	QRD141J-221	220Ω	1/4W	"	
R177	QRD181J-152	1.5kΩ	1/8W	"	
R178	QRD181J-103	10kΩ	"	"	
R179	QRD181J-103	"	"	"	
R180	QRD181J-561	560Ω	"	"	
R181	QRD181J-181	180Ω	"	"	
R182	QRD181J-181	"	"	"	
R184	QRD181J-331	330Ω	"	"	
R185	QRD181J-272	2.7kΩ	"	"	
R186	QRD181J-333	33kΩ	"	"	
R187	QRD181J-273	27kΩ	"	"	
R188	QRD181J-151	150Ω	"	"	
R191	QRD181J-152	1.5kΩ	"	"	
R192	QRD181J-224	220kΩ	"	"	
R193	QRD181J-102	1kΩ	"	"	
R194	QRD181J-563	56kΩ	"	"	

Others

Item No.	Part Number	Rating	Description	
	E03606-001		Male Contact Pin	
	E49829-002		Shield Case	
	E60091-002		Shield Plate	
	E60092-001		Shield Plate	

10. Packing Materials List

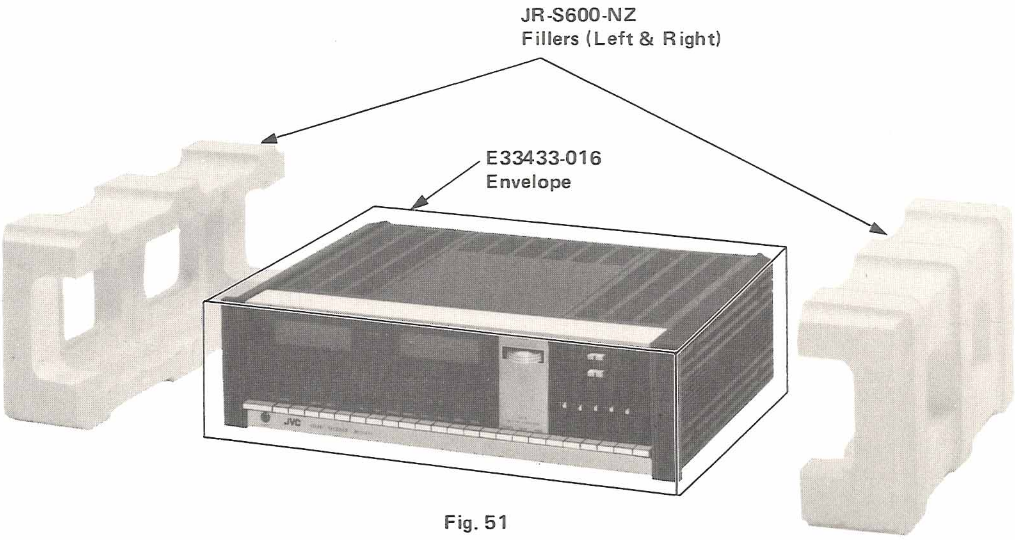

JR-S600-NZ
Fillers (Left & Right)
E33433-016
Envelope

Fig. 51

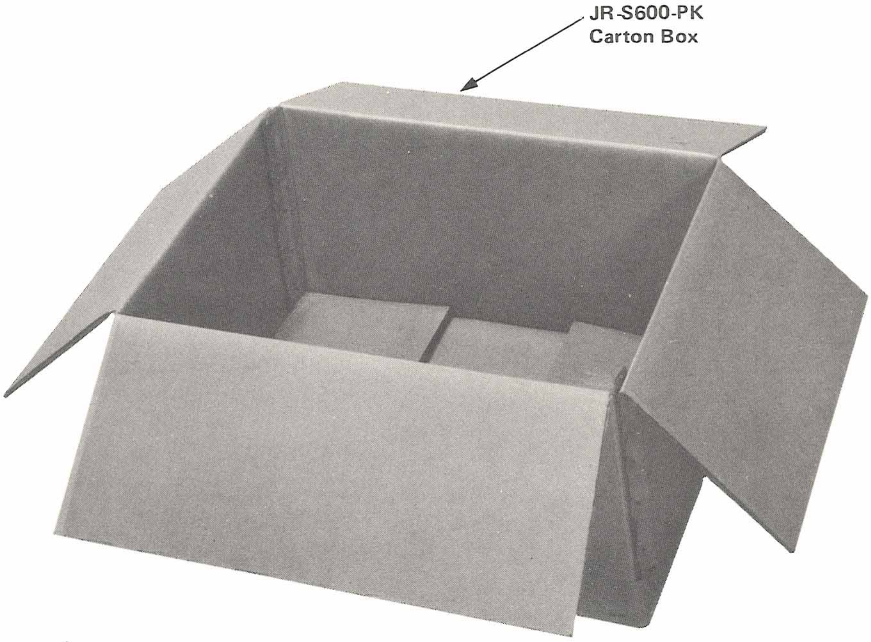
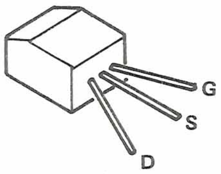

JR-S600-PK
Carton Box

Fig. 52

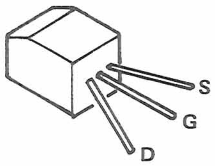
11. Accessories List

Part Number	Description	Q'ty
E30580-506A	Instruction Book	1
E64207-002	Envelope for Inst. Book	1
BT20020	Warranty Card	1

12. Transistor, IC and Diode Lead Identification



2SK55(D)



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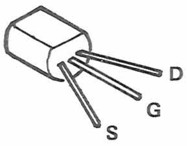
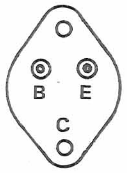
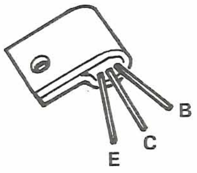


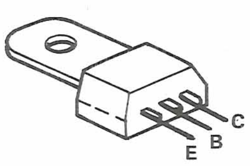
2SK30



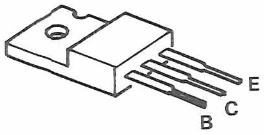
2SD425
2SB555



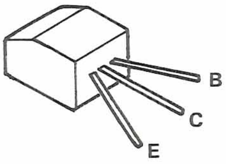
2SC853



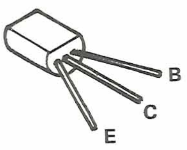
2SC1628(O,Y)
2SA828(O,Y)



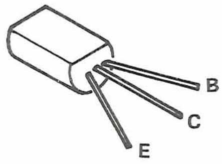
2SD381
2SB536
2SD330V
2SB514V



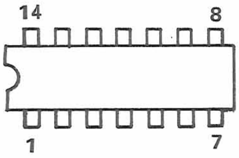
2SC458
2SC535
2SC1342



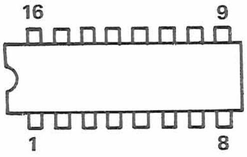
2SC1775AV(F)
2SA872AV (E)
2SD599(F)



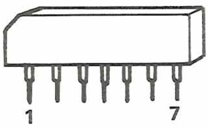
2SD438
2SB560



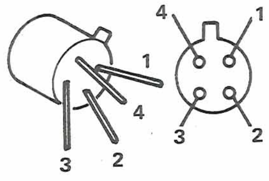
HA1151



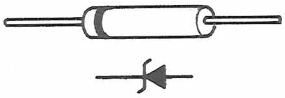
HA1197W
HA1137W



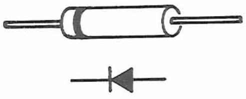
TA7122AP



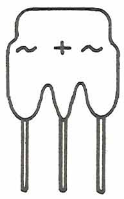
LA1221



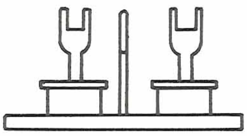
WZ130
WZ210
WZ070
WZ090



IS2473
IS188FM

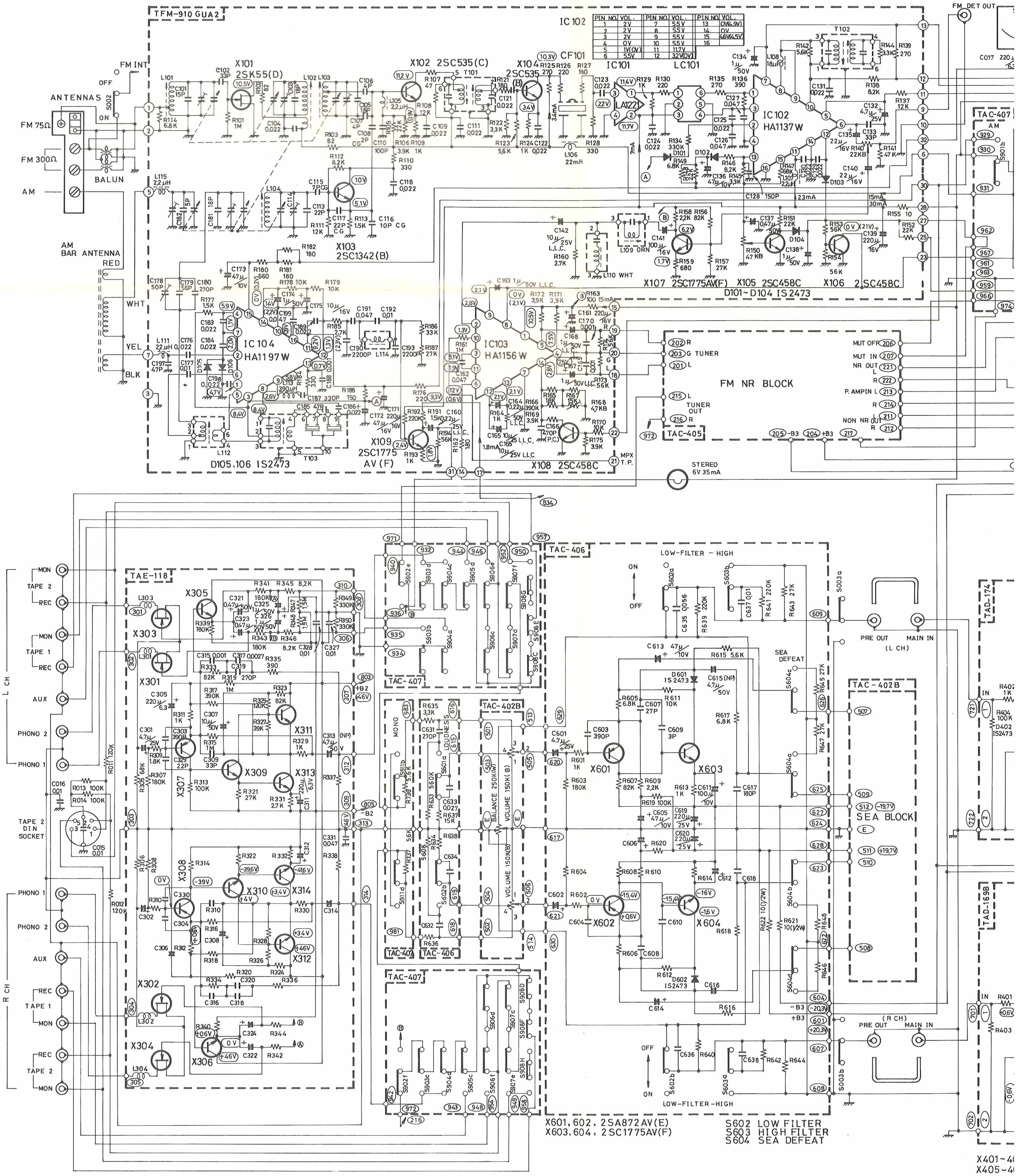


ESAB02-02C
ESAB02-02N



SG5TR
(SG5TS)

13. Schematic Diagram

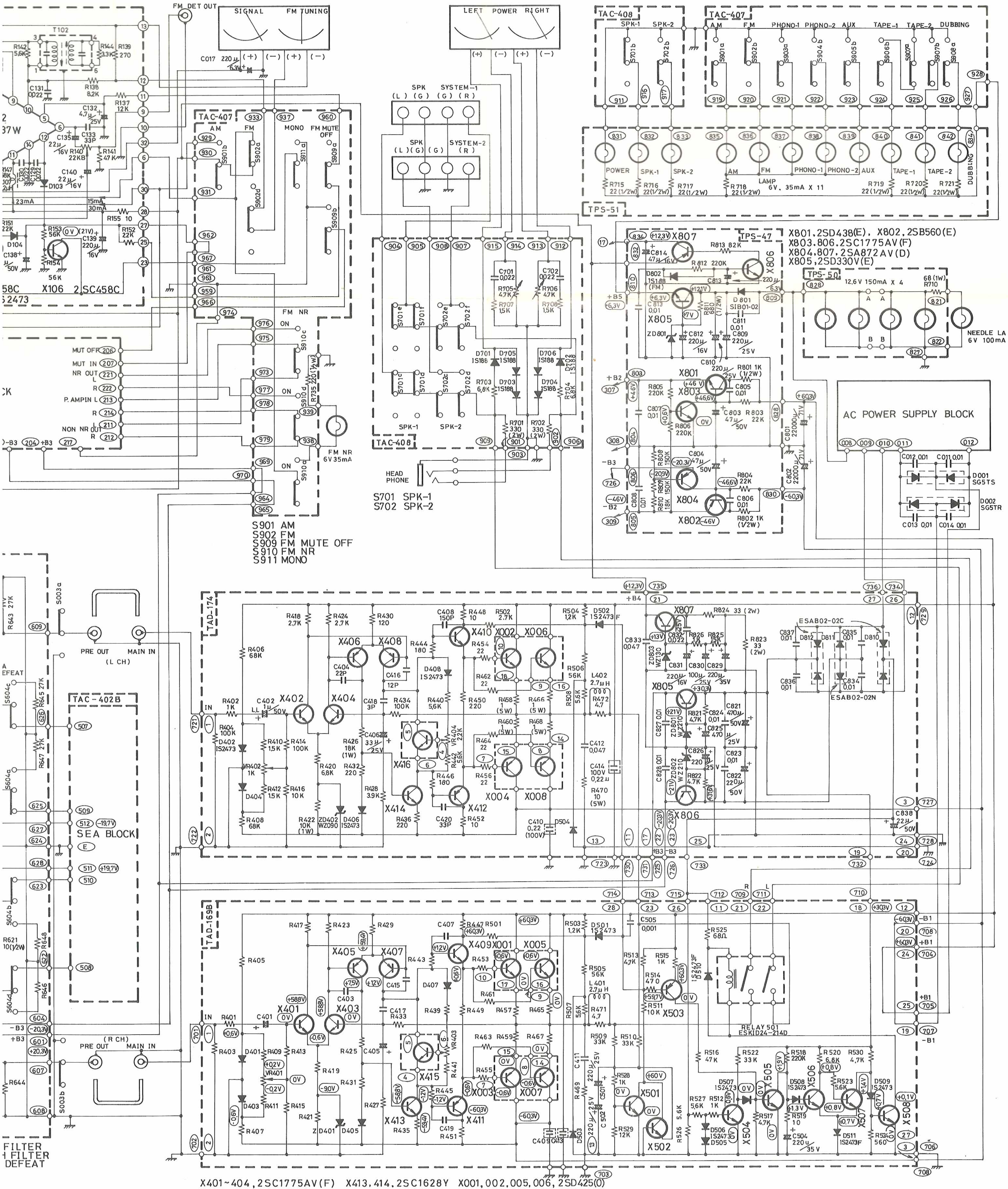

TFM-910 GUA2
IC102
PIN NO. VOL. 1 2V 2 2V 3 2V 4 0V 5 1V(0V) 6 5.5V
PIN NO. VOL. 7 5.5V 8 5.5V 9 5.5V 10 5.5V 11 11.7V 12 32V(0V)
PIN NO. VOL. 13 0V(4.9V) 14 0V 15 4.6V(4.5V) 16
IC101
LC101
LA1221
IC102 HA1137W
CF101
X101 2SK55(D)
X102 2SC535(C)
X104 2SC535(B)
X103 2SC1342(B)
X107 2SC1775AV(F)
X105 2SC458C
X106 2SC458C
D101~D104 1S2473
IC104 HA1197W
IC103 HA1156W
X109 2SC1775 AV(F)
X108 2SC458C
D105.106 1S2473
T101
T102
T103
ANTENNAS
FM INT
OFF
ON
S002
FM 75Ω
FM 300Ω
BALUN
AM
AM BAR ANTENNA
RED
WHT
YEL
BLK
FM DET OUT
FM NR BLOCK
TAC-405
TUNER
TUNER OUT
MUT OFF
MUT IN
NR OUT
P. AMPIN
NON NR OUT
MPX T.P.
STEREO 6V 35mA
TAE-118
X301 X302 X303 X304 X305 X306 X307 X308 X309 X310 X311 X312 X313 X314
MON
TAPE 2
REC
TAPE 1
AUX
PHONO 2
PHONO 1
L CH
R CH
TAPE 2 DIN SOCKET
TAC-407
TAC-406
TAC-402B
MONO
LOUDNESS
BALANCE 250K(W)
VOLUME 150K(B)
LOW-FILTER - HIGH
ON
OFF
SEA DEFEAT
X601 X602 X603 X604
D601 1S2473
D602 1S2473
PRE OUT
MAIN IN
(L CH)
(R CH)
SEA BLOCK
TAD-174
TAD-169B
X601,602, 2SA872AV(E)
X603,604, 2SC1775AV(F)
S602 LOW FILTER
S603 HIGH FILTER
S604 SEA DEFEAT

X301 ~ 304, 2SK30A (GR)
X305,306, 309 ~ 314, 2SC1775AV(F)
X307, 308, 2SA872AV(E)

S902 FM
S903 PHONO-1
S904 PHONO-2
S905 AUX

S906 TAPE-1
S907 TAPE-2
S908 DUBBING

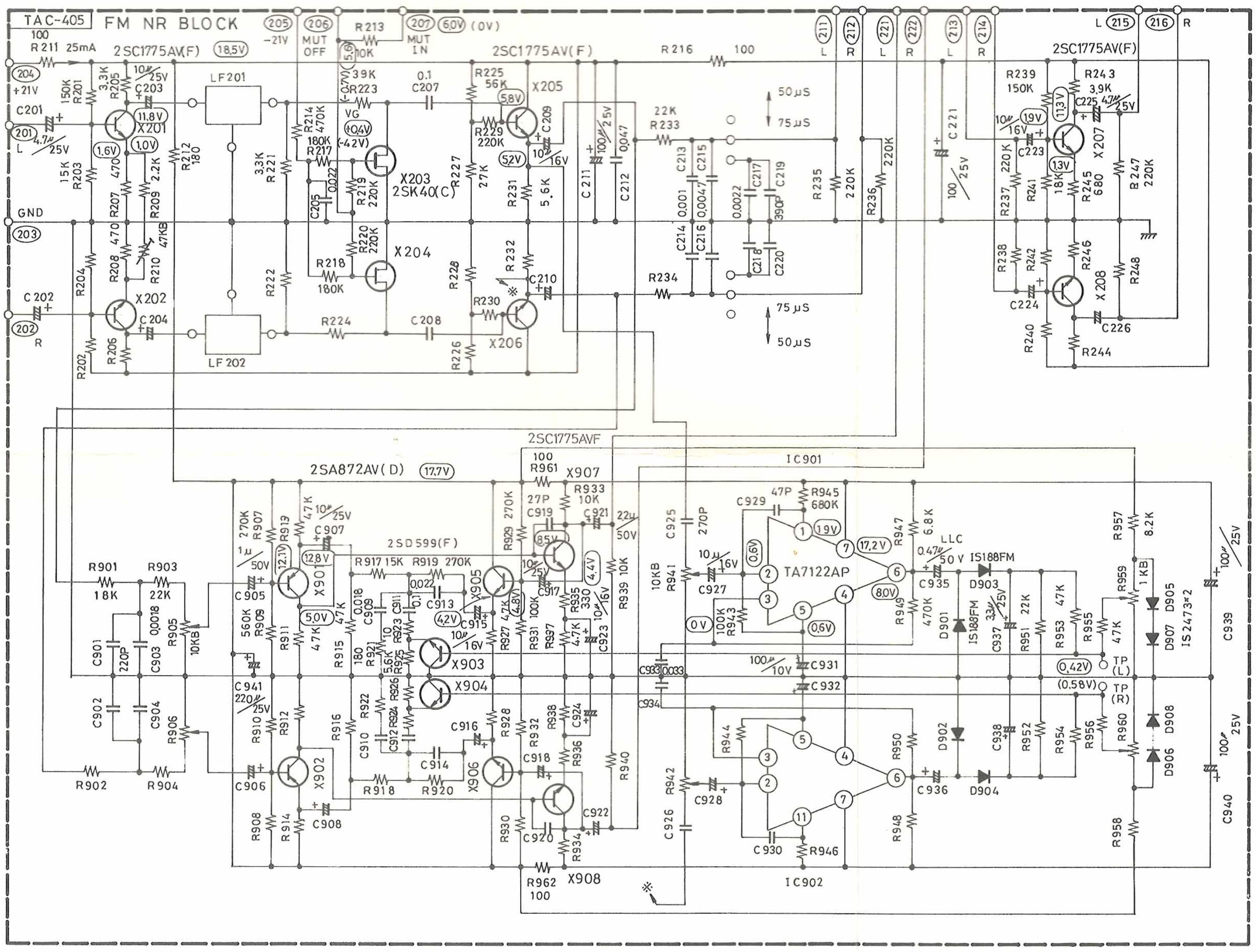
S911 MONO
S601 LOUDNESS

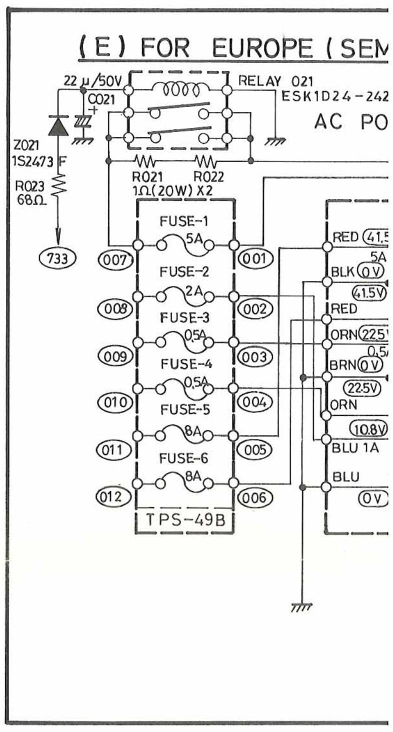

FM DET OUT
SIGNAL
FM TUNING
LEFT POWER RIGHT
TAC-408
TAC-407
SPK-1
SPK-2
AM
FM
PHONO-1
PHONO-2
AUX
TAPE-1
TAPE-2
DUBBING
MONO
FM MUTE OFF
SPK SYSTEM-1
SPK SYSTEM-2
POWER
LAMP 6V, 35mA X 11
TPS-51
TPS-47
TPS-50
12.6V 150mA X 4
NEEDLE LA 6V 100mA
X801, 2SD438(E), X802, 2SB560(E)
X803.806.2SC1775AV(F)
X804,807, 2SA872AV(D)
X805, 2SD330V(E)
AC POWER SUPPLY BLOCK
D001 SG5TS
D002 SG5TR
FM NR
HEAD PHONE
S701 SPK-1
S702 SPK-2
S901 AM
S902 FM
S909 FM MUTE OFF
S910 FM NR
S911 MONO
MUT OFF
MUT IN
NR OUT
P. AMPIN
NON NR OUT
X106 2SC458C
TAD-174
TAD-169B
TAC-402B
SEA BLOCK
PRE OUT
MAIN IN
(L CH)
(R CH)
ESAB02-02C
ESAB02-02N
RELAY 501 ESK1D24-214D
FILTER
FILTER DEFEAT

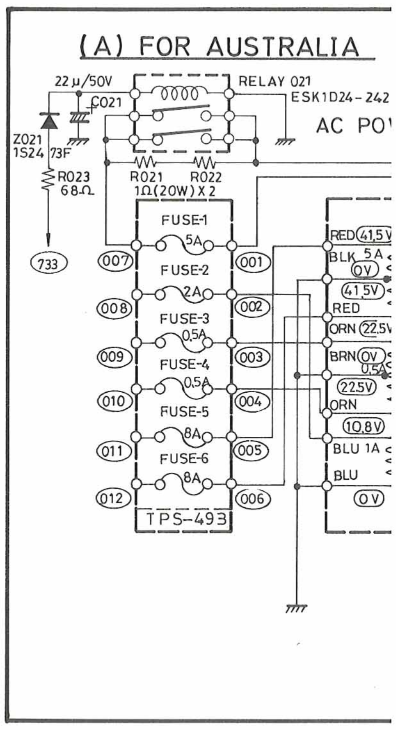
X401~404, 2SC1775AV(F)
X405~408 2SA818(Y)
X409, 410 2SD381V
X411, 412 2SB536

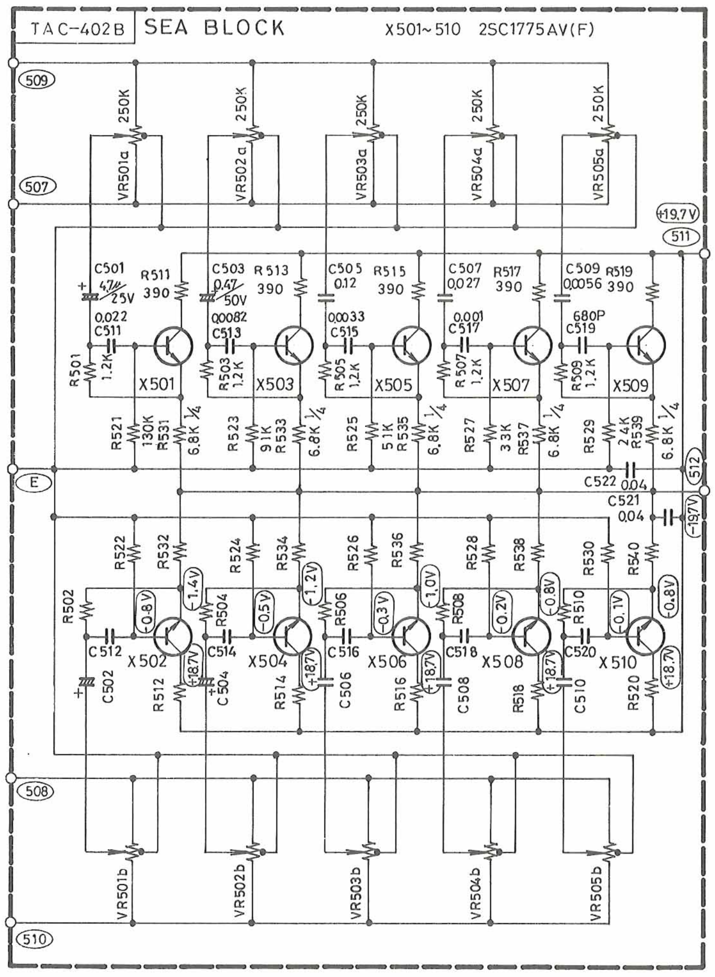
X413, 414, 2SC1628Y
X415, 416, 2SC853M
X501, 502, 504~507 2SC1775AV(F)
X503, 2SA872AV(D)
X508, 2SD438(E)

X001, 002, 005, 006, 2SD425(O)
X003, 004, 007, 008, 2SB555(O)
X805, 807 2SD330V(E)
X806, 2SB514V(E)

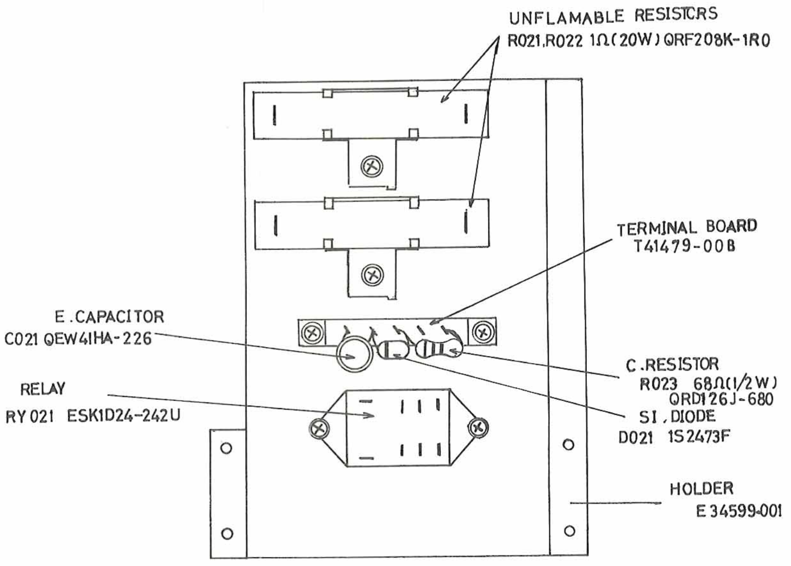

TAC-405
FM NR BLOCK
2SC1775AV(F)
LF201
LF202
X201
X202
X203 2SK40(C)
X204
X205
X206
X207
X208
50 μS
75 μS
2SA872AV(D)
2SD599(F)
2SC1775AVF
IC901
IC902
TA7122AP
X901
X902
X903
X904
X905
X906
X907
X908
GND
TP (L)
TP (R)
1S188FM
1S2473×2


(E) FOR EUROPE (SEM
RELAY 021 ESK1D24-242
AC PO
Z021 1S2473F
R023 68Ω
R021 R022 1Ω(20W) X2
FUSE-1 5A
FUSE-2 2A
FUSE-3 0.5A
FUSE-4 0.5A
FUSE-5 8A
FUSE-6 8A
TPS-49B

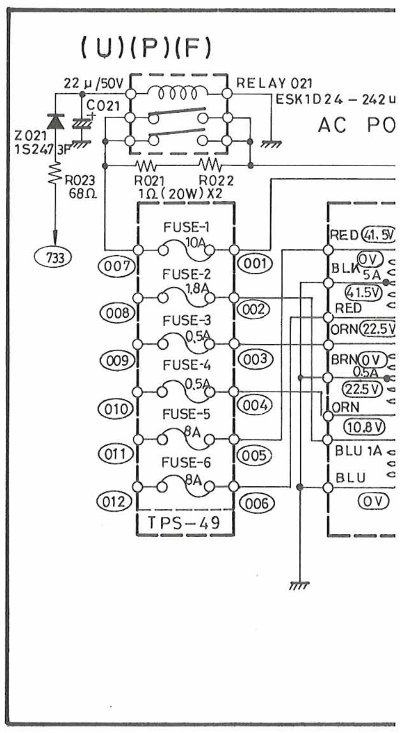

(A) FOR AUSTRALIA
RELAY 021 ESK1D24-242
AC PO
Z021 1S2473F
R023 68Ω
R021 R022 1Ω(20W) X2
FUSE-1 5A
FUSE-2 2A
FUSE-3 0.5A
FUSE-4 0.5A
FUSE-5 8A
FUSE-6 8A
TPS-493


TAC-402B
SEA BLOCK
X501~510 2SC1775AV(F)
VR501a
VR502a
VR503a
VR504a
VR505a
VR501b
VR502b
VR503b
VR504b
VR505b
X501
X502
X503
X504
X505
X506
X507
X508
X509
X510

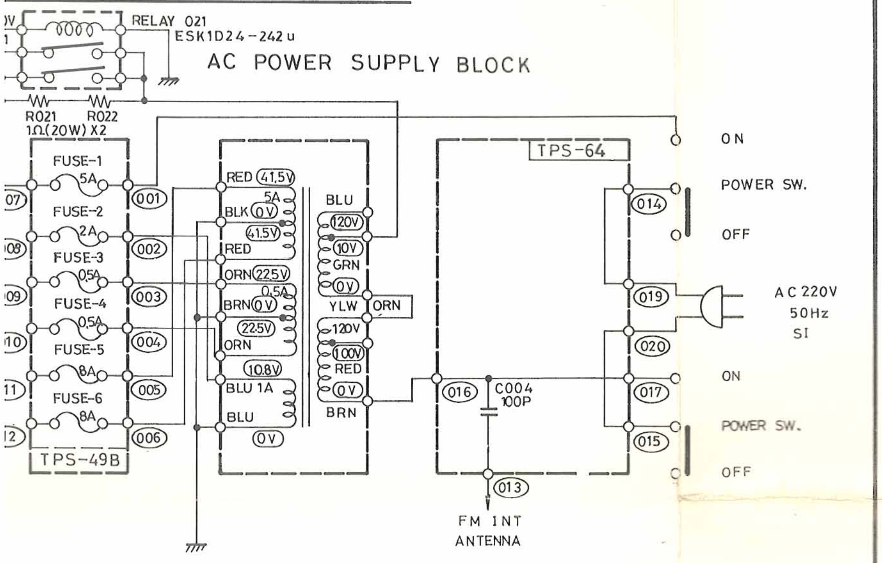
POWER SWITCH PROTECTION CIRCUIT


UNFLAMABLE RESISTORS
R021.R022 1Ω(20W) QRF208K-1R0
TERMINAL BOARD
T41479-008
E.CAPACITOR
C021 QEW41HA-226
RELAY
RY021 ESK1D24-242U
C.RESISTOR
R023 68Ω(1/2W)
QRD126J-680
SI.DIODE
D021 1S2473F
HOLDER
E34599-001

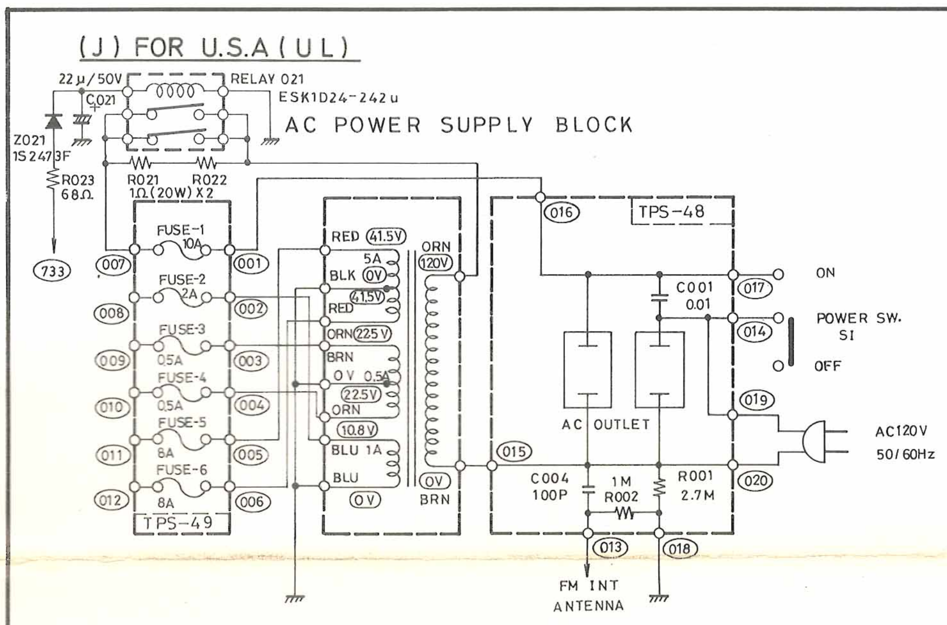
FOR LOCATION OF THIS CIRCUIT. SEE PAGE 6


(U)(P)(F)
RELAY 021 ESK1D24-242U
AC PO
Z021 1S2473F
R023 68Ω
R021 R022 1Ω(20W) X2
FUSE-1 10A
FUSE-2 1.8A
FUSE-3 0.5A
FUSE-4 0.5A
FUSE-5 8A
FUSE-6 8A
TPS-49

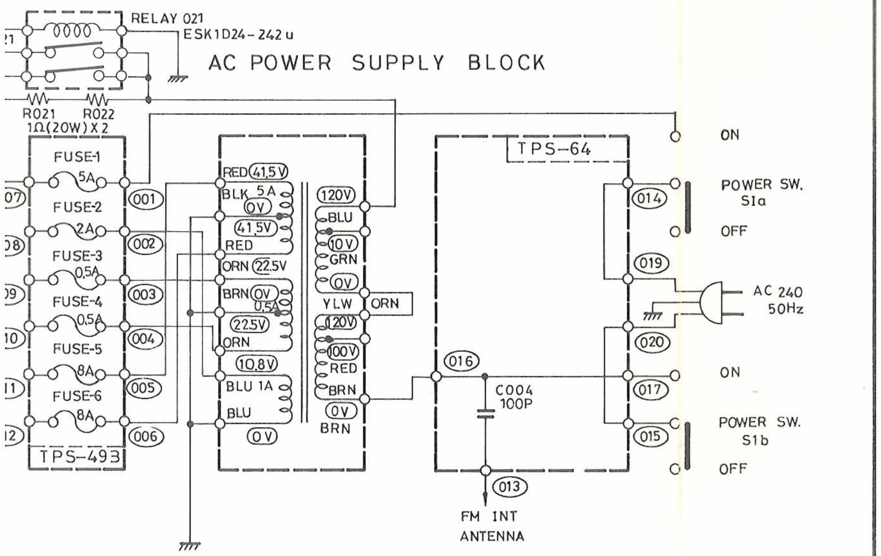
) FOR EUROPE (SEMKO, SEV)


RELAY 021
ESK1D24-242u
AC POWER SUPPLY BLOCK
R021 R022
1Ω(20W)X2
FUSE-1 5A
FUSE-2 2A
FUSE-3 0.5A
FUSE-4 0.5A
FUSE-5 8A
FUSE-6 8A
TPS-49B
RED 41.5V
BLK 0V 5A
41.5V
RED
ORN 22.5V
BRN 0V 0.5A
22.5V
ORN
10.8V
BLU 1A
BLU
0V
BLU
120V
10V
GRN
0V
YLW
ORN
120V
100V
RED
0V
BRN
TPS-64
016
C004 100P
013
FM INT ANTENNA
014
019
020
017
015
ON
POWER SW.
OFF
AC 220V
50Hz
SI
ON
POWER SW.
OFF
001
002
003
004
005
006

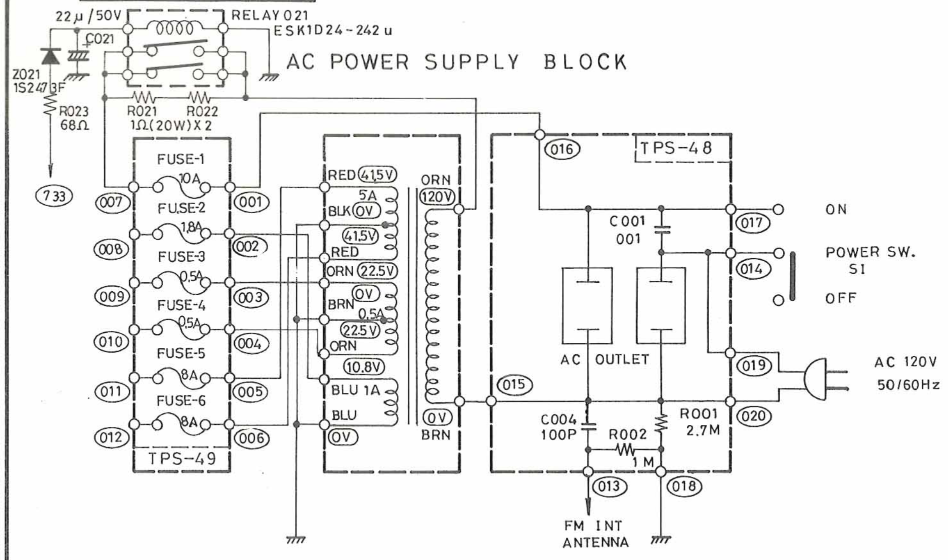
(J) FOR U.S.A (U L)


22μ/50V
C021
Z021
1S2473F
R023
68Ω
733
RELAY 021
ESK1D24-242u
AC POWER SUPPLY BLOCK
R021 R022
1Ω(20W)X2
FUSE-1 10A
FUSE-2 2A
FUSE-3 0.5A
FUSE-4 0.5A
FUSE-5 8A
FUSE-6 8A
TPS-49
007
008
009
010
011
012
001
002
003
004
005
006
RED 41.5V
5A
BLK 0V
41.5V
RED
ORN 22.5V
BRN
0V 0.5A
22.5V
ORN
10.8V
BLU 1A
BLU
0V
ORN
120V
0V
BRN
016
TPS-48
C001
0.01
AC OUTLET
015
C004
100P
1M
R002
R001
2.7M
013
018
FM INT ANTENNA
017
014
019
020
ON
POWER SW.
SI
OFF
AC120V
50/60Hz

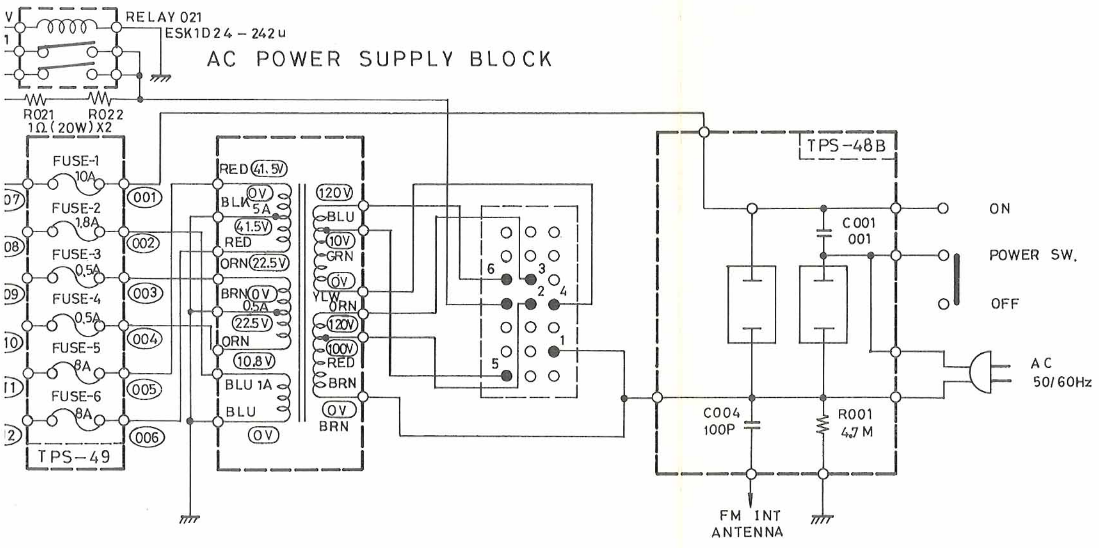
) FOR AUSTRALIA

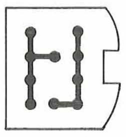

RELAY 021
ESK1D24-242u
AC POWER SUPPLY BLOCK
R021 R022
1Ω(20W)X2
FUSE-1 5A
FUSE-2 2A
FUSE-3 0.5A
FUSE-4 0.5A
FUSE-5 8A
FUSE-6 8A
TPS-493
RED 41.5V
BLK 5A
0V
41.5V
RED
ORN 22.5V
BRN 0V
0.5A
22.5V
ORN
10.8V
BLU 1A
BLU
0V
120V
BLU
10V
GRN
0V
YLW
ORN
120V
100V
RED
BRN
0V
BRN
TPS-64
016
C004
100P
013
FM INT ANTENNA
014
019
020
017
015
ON
POWER SW.
S1a
OFF
AC 240
50Hz
ON
POWER SW.
S1b
OFF
001
002
003
004
005
006

(M) FOR CANADA


22μ/50V
C021
Z021
1S2473F
R023
68Ω
733
RELAY 021
ESK1D24-242u
AC POWER SUPPLY BLOCK
R021 R022
1Ω(20W)X2
FUSE-1 10A
FUSE-2 1.8A
FUSE-3 0.5A
FUSE-4 0.5A
FUSE-5 8A
FUSE-6 8A
TPS-49
007
008
009
010
011
012
001
002
003
004
005
006
RED 41.5V
5A
BLK 0V
41.5V
RED
ORN 22.5V
BRN 0V
0.5A
22.5V
ORN
10.8V
BLU 1A
BLU
0V
ORN
120V
0V
BRN
016
TPS-48
C001
001
AC OUTLET
015
C004
100P
R002
1M
R001
2.7M
013
018
FM INT ANTENNA
017
014
019
020
ON
POWER SW.
SI
OFF
AC 120V
50/60Hz

)(P)(F)


RELAY 021
ESK1D24-242u
AC POWER SUPPLY BLOCK
R021 R022
1Ω(20W)X2
FUSE-1 10A
FUSE-2 1.8A
FUSE-3 0.5A
FUSE-4 0.5A
FUSE-5 8A
FUSE-6 8A
TPS-49
001
002
003
004
005
006
RED 41.5V
BLK 0V
5A
41.5V
RED
ORN 22.5V
BRN 0V
0.5A
22.5V
ORN
10.8V
BLU 1A
BLU
0V
120V
BLU
10V
GRN
0V
YLW
ORN
120V
100V
RED
BRN
0V
BRN
6
3
2
4
1
5
TPS-48B
C001
001
C004
100P
R001
4.7M
FM INT ANTENNA
ON
POWER SW.
OFF
AC
50/60Hz



14. Parts List with Specified Numbers for Designated Areas

Page	Item No.	Description	Original	For Sweden Denmark Norway Finland Switzerland	For European countries except Sweden Denmark Norway Finland and Switzerland	For U.K. and Australia	For Canada	For other countries and PACEX
8	32	Power Switch	QSU1135-001		QSU1135-001		QSU1135-001	QSU1135-001
		Bracket (Power Switch)	E60860-002	E60860-003	E60860-002	E60860-003	E60860-002	E60860-002
8	10	Power Cord	QMP1700-244	QMP3800-240 (Switzerland) E03544-001 (Other countries listed above)	QMP1700-244	QMP9020-003 (U.K.) E03551-002 (Australia)	QMP1700-244	QMP1700-244
8	9	Cord Stopper	QHS3876-162	QHS3876-162	QHS3876-162	QHS6374-252	QHS3876-162	QHS3876-162
20		Fuse (Primary)	QMF61M2-100	QMF51A2-100	QMF60R1-100	QMF51A2-100	QMF60R1-100	QMF60R1-100 QMF60R1-5R0 (For AC 220V & AC 240V only)
20		Fuse (Secondary)						
		8A or 10A	QMF61M2-8R0	QMF51A2-100	QMF60R1-8R0	QMF51A2-100	QMF60R1-8R0	QMF60R1-8R0
		2A or 1.8A	QMF61U1-2R0	QMF51A2-2R0	QMF60R1-1R8	QMF51A2-2R0	QMF60R1-1R8	QMF60R1-1R8
		0.5A	QMF61U2-R50	QMF51A2-R50	QMF60R1-R50	QMF51A2-R50	QMF60R1-R50	QMF60R1-R50
6		Power Transformer	E03617-7	E03617-7B	E03617-7B	E03617-7B	E03617-7	E03617-7B
20		AC Block Ass'y	TPS-48	TPS-48C	TPS48B	TPS-48C	TPS-48	TPS-48B
19		AC Fuse C.B. Ass'y	TPS-49	TPS-49B	TPS-49	TPS-49B	TPS-49	TPS-49
48		Warranty Card	BT20020			BT20013 (U.K.)	BT20008	BT20014C (PACEX)

VICTOR COMPANY OF JAPAN, LIMITED, TOKYO, JAPAN

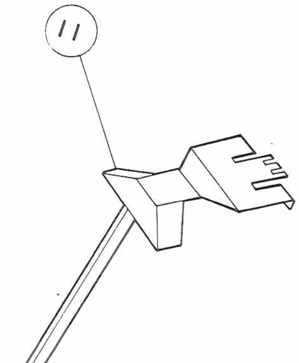
Printed in Japan
6002-V

MODEL JR-S600
SERVICE MANUAL
SUPPLEMENT

The listed part numbers have been changed for improvement.
This supplement comparatively draws the difference between original and new part number.
Use this supplement together with original service manual.

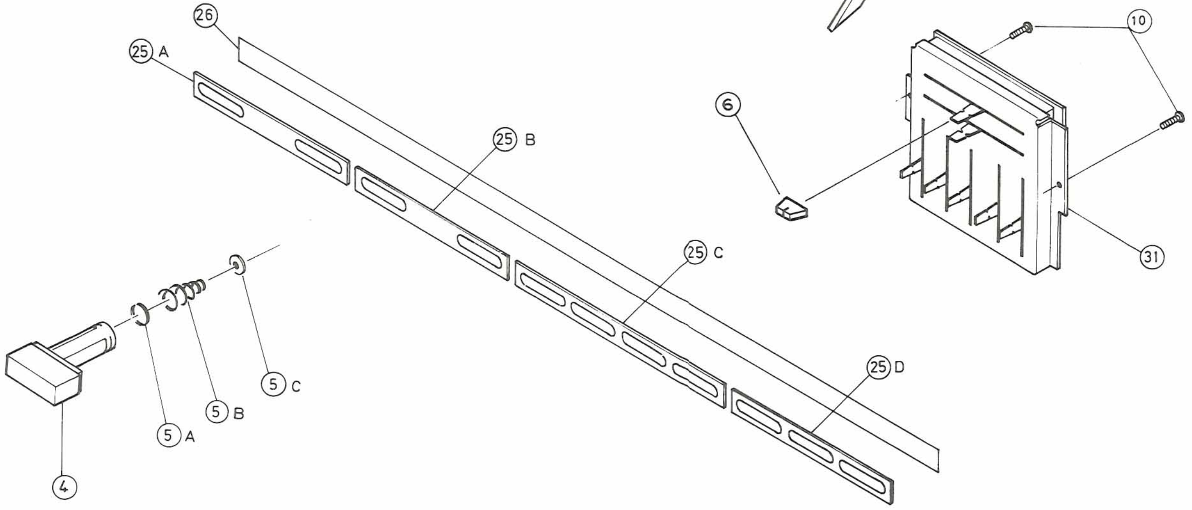
1. SPECIFICATIONS AT PAGE 2

	Right	Wrong (Original)
Amplifier Section		
RMS Power Both channels driven at 1kHz	120W	130W
FM Tuner Section		
Stereo Separation at 10kHz	35dB	40dB



5. EXPLODED VIEW AND PARTS LIST

5-(1) Front Panel at page 7



Item No.	New Part Number	Original	New Rating	Description
4	E61240-001	E60859-001		Pushbutton
5	—Delete—	E47794-002		Spring
5A	E47794-002	—Not Listed—		"C" Ring
5B	E60876-001	—Not Listed—		Coil Spring
5C	E61161-001	—Not Listed—		Spacer
6	E60880-002	E60886-001		Slide Knob (Volume & Balance)
11	E34422-002	E34422-001		Dial Pointer
25C	E34416-003	—Not Listed—		Indicator
25D	E34416-004	—Not Listed—		″

5-(2) Rear Panel at page 8

Item No.	New Part Number	Original	New Rating	Description
*10	QMP1700-244	QMP1600-244		Power Cord

No.2365-B
JR-S600
APR.1976

6. DIAL STRINGING PROCEDURE AT PAGE 9

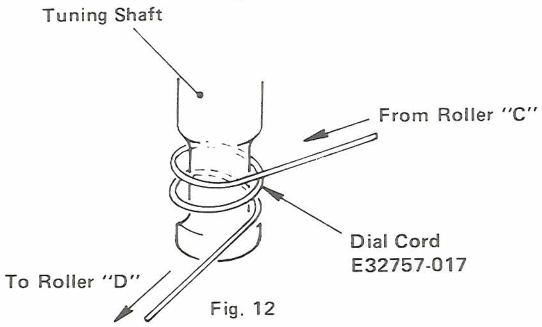

Right

Fig. 12

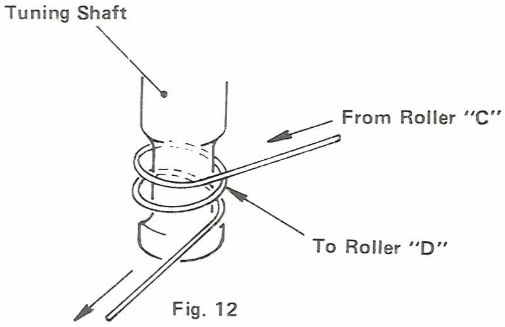

Wrong (Original)

Fig. 12

8. POWER AMP ADJUSTMENT PROCEDURES

8-(3) Power Meter at page 15

Correction:

1. Turn R706 and R705 located on TAC-408 fully counterclockwise. Refer to Fig. 26.
   (Original: R706) (Original: clockwise)

9. CIRCUIT BOARD ASS'Y PARTS LIST

9-(1) TSC-34B Driver Amp. Base C.B. Ass'y at page 16

Other

Item No.	New Part Number	Original	New Rating	Description
	E21824-003	E21824-002		Heat Sink

9-(2) TSC-37B Driver Amp. Base C.B. Ass'y at page 17

Other

Item No.	New Part Number	Original	New Rating	Description
	E21824-003	E21824-002		Heat Sink

9-(3) TPS-47 Equalizer Power Supply C.B. Ass'y at page 18

Transistors

Item No.	New Part Number	Original	New Rating		Description
X806	–Delete–	2SC1775AV (F)	(300mW)	(200MHz)	Silicon
X807	–Delete–	2SA872AV (D)	(")	(")	"

Diode

Item No.	New Part Number	Original	New Rating	Description
D802	–Delete–	1S188FM		Germanium

Capacitors

Item No.	New Part Number	Original	New Rating		Description
C813	–Delete–	QEW40JA-227	(220μF)	(63V)	Electrolytic
C814	–Delete–	QEW41CA-476	(47μF)	(16V)	"

Resistors

Item No.	New Part Number	Original	New Rating		Description
R812	–Delete–	QRD141J-224	(220kΩ)	(1/4W)	Carbon
R813	–Delete–	QRD141J-823	(82kΩ)	(")	"

9-(8) TAE-118 Equalizer Amp. C.B. Ass'y at page 22

Coils

Item No.	New Part Number	Original	New Rating	Description
L301	–Delete–	E03522-180J	(18µH)	FM Detector
L302	–Delete–	E03522-180J	(")	"
L303	–Delete–	E03522-180J	(")	"
L304	–Delete–	E03522-180J	(")	"

Capacitors

Item No.	New Part Number	Original	New Rating		Description
C331	QCZ0107-473	QCF11HP-473	0.047µF	25V	Ceramic
C332	QCF11HP-473	–Not Listed–	"	50V	"

Resistors

Item No.	New Part Number	Original	New Rating		Description
R301	QRD141J-102SL	–Not Listed–	1kΩ	1/4W	Carbon
R302	QRD141J-102SL	–Not Listed–	"	"	"
R303	QRD141J-102SL	–Not Listed–	"	"	"
R304	QRD141J-102SL	–Not Listed–	"	"	"
R347	QRZ0019-224	QRZ0019-155	220kΩ	"	"
R348	QRZ0019-224	–Not Listed–	"	"	"
R349	QRZ0019-333	–Not Listed–	33kΩ	"	"
R350	QRZ0019-333	–Not Listed–	"	"	"

Others

Item No.	New Part Number	Original	New Rating	Description
	E03628-9UD	E03628-009		9 Pins Plug
	E03628-5UD	E03628-5		5 Pins Plug

9-(9) TAD-169B Driver Amp. C.B. Ass'y at page 25

Capacitors

Item No.	New Part Number	Original	New Rating		Description
C501	QEW41CA-477	QEW41EA-227	470µF	16V	Electrolytic
C502	QEW41CA-477	QEW41EA-227	"	"	"

Resistors

Item No.	New Part Number	Original	New Rating		Description
R427	QRD181J-432	QRD141J-392	4.3kΩ	1/8W	Carbon
R457	QRM054K-R47	QRM054K-1R0	0.47Ω	5W	Metal Plate
R459	QRM054K-R47	QRM054K-1R0	"	"	"
R465	QRM054K-R47	QRM054K-1R0	"	"	"
R467	QRM054K-R47	QRM054K-1R0	"	"	"
R509	QRD141J-103	QRD141J-333	10kΩ	1/4W	Carbon
R510	QRD141J-103	QRD141J-333	"	"	"
R513	QRD141J-222	QRD141J-103	2.2kΩ	"	"
R518	QRD141J-224	QRD141J-184	220kΩ	"	"
R525	QRD126J-630	QRG027J-470	63Ω	1/2W	Uninflammable Carbon
R528	QRD141J-152	QRD141J-102	1.5kΩ	1/4W	Carbon
R529	QRD141J-392	QRD141J-123	3.9kΩ	"	"

9-(10) TAD-174 Driver Amp. C.B. Ass'y at page 28

Capacitor

Item No.	New Part Number	Original	New Rating		Description
C838	QEW41HA-226	QEW41HA-106	22μF	50V	Electrolytic

Resistors

Item No.	New Part Number	Original	New Rating		Description
R428	QRD181J-432	QRD141J-392	4.3kΩ	1/8W	Carbon
R458	QRM054K-R47	QRM054K-1R0	0.47Ω	5W	Metal Plate
R460	QRM054K-R47	QRM054K-1R0	"	"	"
R466	QRM054K-R47	QRM054K-1R0	"	"	"
R468	QRM054K-R47	QRM054K-1R0	"	"	"

9-(12) TAC-405 FM Noise Reduction C.B. Ass'y at page 33

Capacitor

Item No.	New Part Number	Original	New Rating		Description
C208	QFM41HK-104	QFM41JK-104	0.1μF	50V	Mylar

Resistors (Correction: Title "Transistors" should be "Resistors")

Item No.	New Part Number	Original	New Rating		Description
R239	QRD181J-184	QRD181J-154	180kΩ	1/8W	Carbon
R240	QRD181J-184	QRD181J-154	"	"	"
R245	QRD181J-561	QRD181J-681	560Ω	"	"
R246	QRD181J-561	QRD181J-681	"	"	"

9-(13) TAC-406 S.E.A. Amp. C.B. Ass'y at page 38

Others

Item No.	New Part Number	Original	New Rating	Description
	E03628-7UD	E03628-7		7 Pins Plug
	E03628-9UD	E03628-9		9 Pins Plug

9-(14) TAC-407 Selector C.B. Ass'y at page 41

Resistor

Item No.	New Part Number	Original	New Rating		Description
R738	QRD141J-182	–Not Listed–	1.8kΩ	1/4W	Carbon

Others

Item No.	New Part Number	Original	New Rating	Description
	E03628-3UD	E03628-3		3 Pins Plug
	E03628-5UD	E03628-5		5 Pins Plug
	E03628-7UD	E03628-7		7 Pins Plug
	E03628-9UD	E03628-9		9 Pins Plug

9-(15) TAC-408 Speaker C.B. Ass'y at page 42

Diodes

Item No.	New Part Number	Original	New Rating	Description
D701	1S2473F	1S188FM		Silicon
D702	1S2473F	1S188FM		″
D703	1S2473F	1S188FM		″
D704	1S2473F	1S188FM		″
D705	–Delete–	1S188FM		Germanium
D706	–Delete–	1S188FM		″

Capacitors

Item No.	New Part Number	Original	New Rating		Description
C701	QFM41HJ-562	QFM41HK-223	5600pF	50V	Mylar
C702	QFM41HJ-562	QFM41HK-223	″	″	″

Resistors

Item No.	New Part Number	Original	New Rating		Description
R703	QRD141J-103	–Not Listed–	10kΩ	1/4W	Carbon
R704	QRD141J-103	–Not Listed–	″	″	″
R705	QVP4A0B-222	–Not Listed–	2.2kΩ(B)		Variable
R706	QVP4A0B-222	–Not Listed–	″		″
R707	QRD141J-821	–Not Listed–	820Ω	1/4W	Carbon
R708	QRD141J-821	–Not Listed–	″	″	″

9-(16) TFM-910GUA2 FM/AM Tuner C.B. Ass'y at page 43

Integrated Circuits

Item No.	New Part Number	Original	New Rating	Description
IC104	HA1197	HA1197W		I.C.

Coil

Item No.	New Part Number	Original	New Rating	Description
L108	E03522-220J	E03522-180J	22μH	FM Detector Coil

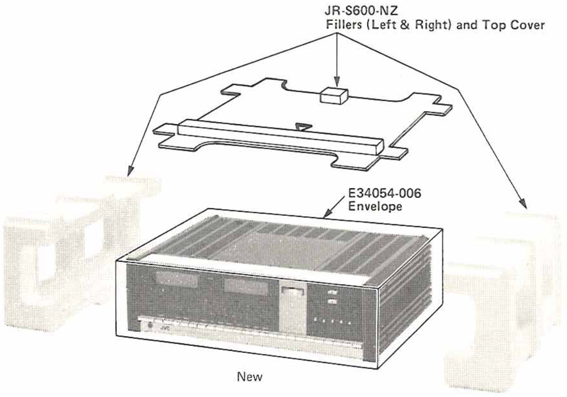
Capacitors

Item No.	New Part Number	Original	New Rating		Description
C113	QCT05CG-220	QCT05SG-220	22pF	50V	Ceramic
C182	QCS11HJ-5R0	–Not Listed–	5pF	″	″

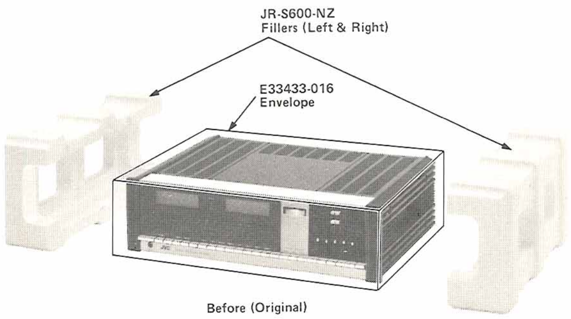
Resistors

Item No.	New Part Number	Original	New Rating		Description
R138	QRD181J-752	QRD181J-822	7.5kΩ	1/8W	Carbon
R144	QRD181J-332	–Not Listed–	3.3kΩ	″	″

10. PACKING MATERIALS LIST



New



Before (Original)

14. PARTS LIST WITH SPECIFIED NUMBERS FOR DESIGNATED AREAS AT PAGE 52

Page	Item No.	Description	Original	For Sweden Denmark Norway Finland and Switzerland	For European countries except Sweden Denmark Norway Finland and Switzerland	For Australia	For Canada	For Other countries and PACEX
8	32	Power Switch	QSU1135-001	QSP2111-011	QSU1135-001	QSP2111-011	QSU1135-001	QSU1135-001
		Bracket (Power Switch)	E60860-002	E60860-003	E60860-002	E60860-003	E60860-002	E60860-002
8	10	Power Cord	QMP1700-244	QMP3800-240 (Switzerland) E03544-001 (Other countries listed above)	QMP1700-244	E03551-002	QMP1700-244	QMP1700-244
8	9	Cord Stopper	QHS3876-162	QHS3876-162	QHS3876-162	QHS6374-252	QHS3876-162	QHS3876-162
20		Fuse (Primary)	QMF61M2-100	QMF51A2-5R0	QMF60R1-5R0	QMF51A2-5R0	QMF60R1-100	QMF60R1-100 QMF60R1-5R0 (For AC 220V & AC 240V only)
20		Fuse (Secondary)						
		8A or 10A	QMF61M2-8R0	QMF0003-100	QMF60R1-8R0	QMF51A2-8R0	QMF60R1-8R0	QMF60R1-8R0
		2A or 1.8A	QMF61U1-2R0	QMF51A2-2R0	QMF60R1-1R8	QMF51A2-2R0	QMF60R1-1R8	QMF60R1-1R8
		0.5A	QMF61U2-R50	QMF51A2-R50	QMF60R1-R50	QMF51A2-R50	QMF60R1-R50	QMF60R1-R50
6		Power Transformer	E03617-7	E03617-7B	E03617-7B	E03617-7B	E03617-7	E03617-7B
20		AC Block Ass'y	TPS-48	TPS-64	TPS-48B	TPS-64	TPS-48	TPS-48B
19		AC Fuse C.B. Ass'y	TPS-49	TPS-49E	TPS-49	TPS-49B	TPS-49	TPS-49
48		Warranty Card	BT20020C			BT20029	BT20025	BT20014B (PACEX)

Note: The number in ☐ is for New part number, others are same as original.

JVC

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